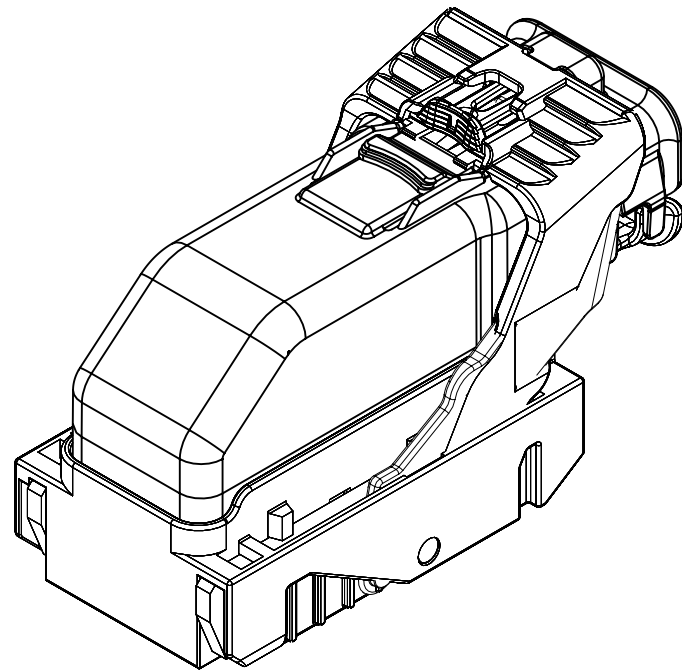

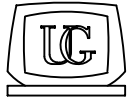


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ISO VIEW

	<p><b>UNLESS OTHERWISE SPECIFIED:</b> THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN A RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.</p>			DATE						
	 CHANGE RESTRICTED NO MANUAL CHANGES	REFERENCE 12H (MOLEX AUTOMOTIVE)	DRAFTER J SZYMKOWSKI APVD1 D PFAFFINGER APVD2 B BURT APVD3 APVD4 APVD5	22DE05 22DE05 22DE05    						
DO NOT SCALE	DRAWING NAME HARNESS CONN ASM 66/73/80 CKTS									
METRIC DIMENSIONS SHOWN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED	DRAWING NUMBER 12642695		DWG STATUS <table border="1"> <tr> <th>ST</th> <th>REV</th> <th>PD1</th> </tr> <tr> <td>R</td> <td>002</td> <td></td> </tr> </table>		ST	REV	PD1	R	002	
ST	REV	PD1								
R	002									
			PAGE NUMBER 1 OF 21							

PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					
	19DE11	R	001			RELEASED TO PRODUCTION AT DLS A	CRMRJB	SC	MRO	GF
3	08MY15	R	002	A		REORDERED PART BLOCK AND ADDED MASS CORRECTED P/N TYPO FROM 12562676 TO 12582676				
3, 5		R	002	B		ADDED 12659312, 12659313, 12653574 AND 12653575				
6		R	002	C		REMOVED NOTE 1 . D . 3 . C				
20		R	002	D		DIM 125 WAS 3.25 DIM 131 WAS 5.5	CRMRJD	DFK	MRO	GF

PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					



KEY PRODUCT CHARACTERISTICS  
(IN ACCORDANCE WITH QN 1805 OR ON 1050)



SAFETY/COMPLIANCE

TOTAL ON  
DRAWING

5



FIT/FUNCTION

LAST NO.  
USED

5

NO	TYPE	DESCRIPTION	RATIONALE	PAGE/ZONE
1	F/F	32.68	IMPROVE CONNECTOR SYSTEM MATING	15
2	F/F	29.00	INSURE PROPER RELEASE OF LEVER	15
3	F/F	15.25	INSURE FINAL MATE POSITION	16
5	F/F	POSITIONAL TOLERANCE (2 PLACES)	INSURE CONNECTOR SYSTEM MATEABILITY	19



PAGE TITLE  
KPC BLOCK

DRAWING NUMBER

12642695

DWG STATUS

ST	REV	PD1
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R	002	
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PAGE NUMBER

4 OF 21

LINE	MFG.	MFG. P/N	GM P/N	EFFECTIVE DATE	APPLICABLE COMPONENTS	KEY OPTION	WIRE DRESS OPTION	KEY CONFIG.	COLOR	STATUS
					DESCRIPTION					
-										
1	MOLEX	34565-0003	12582676	02JN03	MX123 DRESS COVER 66/73/80 CKT	N/A	N/A	N/A	BLACK	AVAILABLE
2	MOLEX	34822-0013	12642692	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	0	1458	BLACK	AVAILABLE
3	MOLEX	34822-0033	12659312	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	0	2467	BLUE	AVAILABLE
4	MOLEX	34822-0023	12642693	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	9	1458	BLACK	AVAILABLE
5	MOLEX	34822-0043	12659313	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	9	2467	BLUE	AVAILABLE
6	MOLEX	34566-0103	12582677	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	0	1458	BLACK	AVAILABLE
7	MOLEX	34566-0203	12582678	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	0	1468	ST GRAY	AVAILABLE
8	MOLEX	34566-0303	12615654	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	0	2467	BLUE	AVAILABLE
9	MOLEX	34566-0403	12647268	T.B.D	MX123 HRNS CONN ASSY 73 CKT	D	0	2367	BROWN	NOT ACTIVE
10	MOLEX	34566-0503	AMJ28633	T.B.D	MX123 HRNS CONN ASSY 73 CKT	E	0	2468	GREEN	NOT ACTIVE
11	MOLEX	34566-0603	12653574	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	0	1357	NATURAL	AVAILABLE
12	MOLEX	34566-0703	12588057	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	0	1358	BLUE	AVAILABLE
13	MOLEX	34566-0803	12588058	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	0	2458	ST GRAY	AVAILABLE
14	MOLEX	34566-0903	12615656	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	0	2457	BLACK	NOT ACTIVE
15	MOLEX	34566-1003	AMJ28595	T.B.D	MX123 HRNS CONN ASSY 80 CKT	K	0	2357	BROWN	NOT ACTIVE
16	MOLEX	34566-1103	AMJ29057	T.B.D	MX123 HRNS CONN ASSY 80 CKT	L	0	2368	GREEN	NOT ACTIVE
17	MOLEX	34566-1203	AMJ28669	T.B.D	MX123 HRNS CONN ASSY 80 CKT	M	0	2358	NATURAL	NOT ACTIVE
18	MOLEX	34566-1303	12603596	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	9	1458	BLACK	AVAILABLE
19	MOLEX	34566-1403	12603597	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	9	1468	ST GRAY	AVAILABLE
20	MOLEX	34566-1503	12615655	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	9	2467	BLUE	AVAILABLE
21	MOLEX	34566-1603	12647269	T.B.D	MX123 HRNS CONN ASSY 73 CKT	D	9	2367	BROWN	NOT ACTIVE
22	MOLEX	34566-1703	AMJ28698	T.B.D	MX123 HRNS CONN ASSY 73 CKT	E	9	2468	GREEN	NOT ACTIVE
23	MOLEX	34566-1803	12653575	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	9	1357	NATURAL	AVAILABLE
24	MOLEX	34566-1903	12603598	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	9	1358	BLUE	AVAILABLE
25	MOLEX	34566-2003	12603599	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	9	2458	ST GRAY	AVAILABLE
26	MOLEX	34566-2103	12615657	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	9	2457	BLACK	NOT ACTIVE
27	MOLEX	34566-2203	AMJ29117	T.B.D	MX123 HRNS CONN ASSY 80 CKT	K	9	2357	BROWN	NOT ACTIVE
28	MOLEX	34566-2303	AMJ29136	T.B.D	MX123 HRNS CONN ASSY 80 CKT	L	9	2368	GREEN	NOT ACTIVE
29	MOLEX	34566-2403	AMJ29214	T.B.D	MX123 HRNS CONN ASSY 80 CKT	M	9	2358	NATURAL	NOT ACTIVE
30	MOLEX	34736-2002	12642697	01AU10	MX64 RCPT TERM Ag 18/20 GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
31	MOLEX	34736-2001	12642696	01AU10	MX64 RCPT TERM Ag 22 GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
32	MOLEX	34586-0001	T.B.D.	11JN04	MX123 0.64MM GROMMET PLUG	N/A	N/A	N/A	NATURAL	AVAILABLE
33	YAZAKI	7116-4150-02	12588066	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 20/22 GAGE (CABLE RANGE 0.30mm-0.60mm)	N/A	N/A	N/A	N/A	NOT ACTIVE
34	YAZAKI	7116-4151-02	12588067	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 16/18 GAGE (CABLE RANGE 0.75mm-1.40mm)	N/A	N/A	N/A	N/A	NOT ACTIVE
35	YAZAKI	7116-4152-02	12582685	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 14 GAGE (CABLE RANGE 1.50mm-2.50mm)	N/A	N/A	N/A	N/A	AVAILABLE
36	YAZAKI	7158-3111-60	12588068	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.20mm-1.90mm)	N/A	N/A	N/A	GREEN	NOT ACTIVE
37	YAZAKI	7158-3112-70	12588069	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.80mm-2.30mm)	N/A	N/A	N/A	YELLOW	NOT ACTIVE
38	YAZAKI	7158-3113-40	12582686	02JN03	2.8mm CABLE SEAL (wire O.D. range 2.18mm-3.00mm)	N/A	N/A	N/A	WHITE	AVAILABLE
39	YAZAKI	7158-3114-90	T.B.D	02JN03	2.8mm YESC CAVITY PLUG	N/A	N/A	N/A	BLUE	AVAILABLE
40	MOLEX	63811-4200	XX019825	02JN03	MX64 TERM HAND CRIMP TOOL	N/A	N/A	N/A	N/A	AVAILABLE
41	MOLEX	63813-1400	XX019826	02JN03	MX64 TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE
42	MOLEX	63865-8000	XX019827	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 18/20 GAGE PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
43	MOLEX	63865-8070	XX019828	02JN03	MX64 APPLICATOR TOOL KIT 18/20 GAGE	N/A	N/A	N/A	N/A	AVAILABLE
44	MOLEX	63865-8100	XX019829	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 22 GAGE PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
45	MOLEX	63865-8170	XX019830	02JN03	MX64 APPLICATOR TOOL KIT 22 GAGE	N/A	N/A	N/A	N/A	AVAILABLE
46	SPX	J35616-64	T.B.D.	02JN03	0.64mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
47	SPX	J35616-64A	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
48	SPX	J35616-65	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for pin)	N/A	N/A	N/A	N/A	AVAILABLE
49	SPX	J35616-4A	T.B.D.	02JN03	2.8mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
50	YAZAKI	X39899-J374	12094430	02JN03	2.8mm TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE

002B

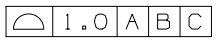
\* - MX123 DRESS COVER 73/80/66 CKT MATES TO ANY MX123 HARN CONN ASSY SHOWN ON TABLE ABOVE

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL FOR INTERFACE:

- A. RESIN:
  - 1. 30% G.F. PBT; 20% MAX. (BY WEIGHT) REGRIND.
  - 2. MATING CONNECTOR INTERFACE PART COLOR MUST BE SAME AS MATCHING KEYED HARNESS CONNECTOR ASSEMBLY.
  - 3. MUST BE VALIDATED FOR INDIVIDUAL DEVICE APPLICATION REQUIREMENTS.
- B. 0.64MM PINS:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 635 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: SILVER (Ag). PLATING TO BE 1.9-3.3 μm ELECTRODEPOSITED SEMI-BRIGHT SILVER OVER 1.25-2.25 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
  - 3. ANTI-TARNISH: SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH OR EQUIVALENT APPLIED WITHOUT VOID TO CONTACT AREA (MIN 3.7mm FROM PIN TIP).
- C. 2.8MM BLADE:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 350 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: TIN. PLATING TO BE 2.5-5.0 μm ELECTRODEPOSITED TIN, MATTE FINISH OVER 1.25-2.5 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
- D. PLATING REQUIREMENTS:
  - 1. SILVER PLATING
    - a. 99.5% PURE SEMI-BRIGHT WITH NO ORGANIC BRIGHTNERS OR CHROMATES.
  - 2. NICKEL PLATING
    - a. ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL WITH A NON-BRIGHTENED FINISH. NO ORGANIC OR BRIGHTENING AGENTS SHALL BE ALLOWED.
    - b. SHALL ONLY BE USED AS AN UNDERLYING PLATING AND MAY NOT BE USED AS AN ELECTRICAL CONTACT SURFACE PLATING.
    - c. SHALL BE NODULE FREE WHEN VIEWED AT 10X MAGNIFICATION IN MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA.
    - d. ALL PLATINGS SHALL HAVE A 1.0% MAXIMUM BY WEIGHT IMPURITIES. IMPURITIES ARE DEFINED AS ALL ELEMENTS NOT THE PRIMARY PLATING OR HARDENING AGENT IF APPLICABLE, AS DETERMINED BY WET CHEMICAL ANALYSIS OR AUGER METHOD. NO SINGLE IMPURITY SHALL EXCEED 0.1% MAXIMUM BY WEIGHT.
  - 3. TESTING
    - a. THICKNESS TO BE MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA AS DESIGNATED IN THE DRAWING. THICKNESS SHALL BE DETERMINED BY METHOD OF X-RAY (XRF).
    - b. PLATING ADHESION SHALL BE TESTED BY A BEND TEST FOR ALL METALS. THE TEST SAMPLE SHALL BE BENT 90 DEGREES TO DETERMINE DEPOSIT ADHESION. TESTING SHALL BE COMPLETED IN ACCORDANCE WITH ASTM SPEC B571.


2. DESIGN - GENERAL:

- A. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- B. TOLERANCES:
  - 1. LINEAR
    - 0.X ± 0.30
    - 0.XX ± 0.10
    - 0.XXX ± 0.10
  - 2. ANGULAR X° ± 3°
  - 3. 
- C. MINIMUM WALL THICKNESS REQUIRED: 1.3mm.
- D. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- E. LETTERING SHALL BE 0.15 MAX RAISED IN 0.20 MAX RECESS PAD. THIS INCLUDES MATERIAL CODE, RECYCLING CODE, CAVITY ID AND DATE CODE.
- F-1. PARTS MUST BE FREE OF DISCOLORATION, SALT RESIDUE AND OTHER IMPERFECTIONS THAT AFFECT FIT OR FUNCTION.
- F-2. SCRATCHES OR DENTS NOT TO EXCEED 0.013mm IN DEPTH.
- G. FOLLOWING PRODUCTION CODES TO BE PERMANENTLY MARKED & HUMAN READABLE TO A LETTER HEIGHT OF 1.5 ± 0.5MM X 0.3 MAX DEEP
  - 1. MATERIAL #: XXXXX-XXXX
  - 2. DATE CODE: JJYY (JULIAN DAY, LAST DIGIT OF YEAR)
  - 3. INSPECTION MACHINE CODE + SERIAL #: X\_XXXXX

3. DESIGN - MANUFACTURING:

- A. DRAFT TO BE WITHIN TOLERANCE.
- B. ALLOWABLE FLASH MAX 0.2 HIGH X MAX 0.13 THICK.
- C. ALLOWABLE PARTING LINE MISMATCH 0.2 MAX.
- D. EJECTOR PINS MARK TO BE FLUSH TO 0.25 MAX DEPRESSED.
- E. ALLOWABLE GATE VESTIGE FLUSH TO 0.25 MAX PROTRUSION.
- F. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.
- G. STEEL THAT FORMS THE INDICATED SURFACE MUST BE POLISHED WITH A DIAMOND FINISH (SPI A-2) OVER THE FULL PERIPHERY OF THE TOOL. SURFACE MUST HAVE NO MISMATCH.
- H. ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE IT'S ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1008 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
- J. OPTIONAL FEATURES PROVIDED FOR AUTOMATION.
- K. PART MUST BE FREE FROM BURRS AND SHARP EDGES, WHICH MIGHT BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, SAFE HANDLING OR FUNCTION OF PART.
- L. PARTS AS DELIVERED TO ASSEMBLY SHALL BE CLEAN AND FREE OF DEBRIS, RESIDUAL ABRASIVE MATERIAL AND CORROSION PRODUCTS ADVERESLY AFFECTING FUNCTION OR APPEARANCE.
- M. RESTRICTED AND REPORTABLE SUBSTANCES FOR PARTS PER GMW3059.

002C

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			ST	REV	PDI	

NOTES: UNLESS OTHERWISE SPECIFIED

4. SYSTEM REQUIREMENTS:

A. HARNESS CONNECTOR IS COMPATIBLE WITH THE FOLLOWING SAE WIRE SIZE NO'S:

- 14, MEETING SAE J1128
- 18, MEETING SAE J1128, MAX O.D. OF 2.06 MM
- 20, MEETING SAE J1128
- 22, MEETING SAE J1128, MIN O.D. OF 1.47 MM

B. CABLE TIE SPECIFICATIONS:

- 1. CABLE TIE:
  - TENSILE RATING: 220N / (50lbs) MIN
  - TIE LENGTH: 186mm MIN
  - TIE WIDTH: 4.75mm MAX
  - MATERIAL: NYLON
- 2. INSTALLATION:
  - CABLE TIE TENSION: 190N MIN
- 3. DRESSED WIRE BUNDLE PACKAGING: SEE FIG. 1

C. WHEN MATED WITH COMPONENT CONNECTOR INTERFACE AND/OR DRESS COVER, HARNESS CONNECTOR SYSTEM CONFORMS TO THE FOLLOWING:

- 1. SAE/USCAR-2, REV: 3 APRIL, 2001; CLASS 3
- 2. FIELD CORRELATED LIFE TEST, SAE/USCAR-20, NOV. 2001
- 3. GMW #3191 AUGUST 22, 2000 (DRAFT); TEMPERATURE CLASS 3, SEALING CLASS 1, VIBRATION CLASS 2
- 4. RESTRICTED AND REPORTABLE CHEMICALS PER GMW #3059, REV: D AUGUST 2002
- 5. TPA USER FORCES (FULLY POPULATED WITH TERMINALS)
  - a. REMOVAL FROM LOCK TO PRE-SET: <=120N

D. WIRE SPECIFICATIONS:

- 1. WIRE SURFACE MUST BE FREE OF SCRATCHES, GROOVES OR DENTS WHERE FUNCTIONAL

5. TERMINAL CURRENT RATINGS:

ALL TESTING DONE IN ACCORDANCE WITH USCAR-2 REV5 SECTION 5.3

A. MX64 RCPT TERM

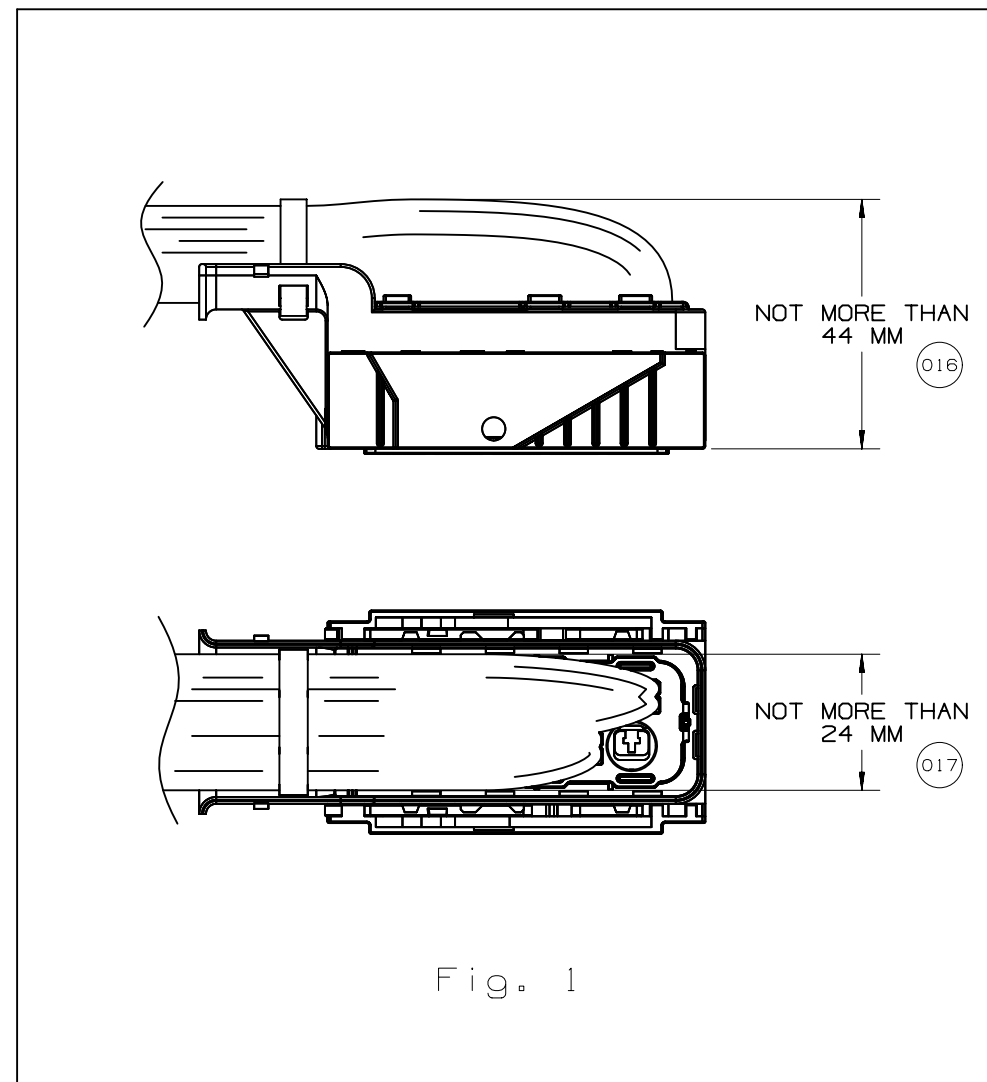
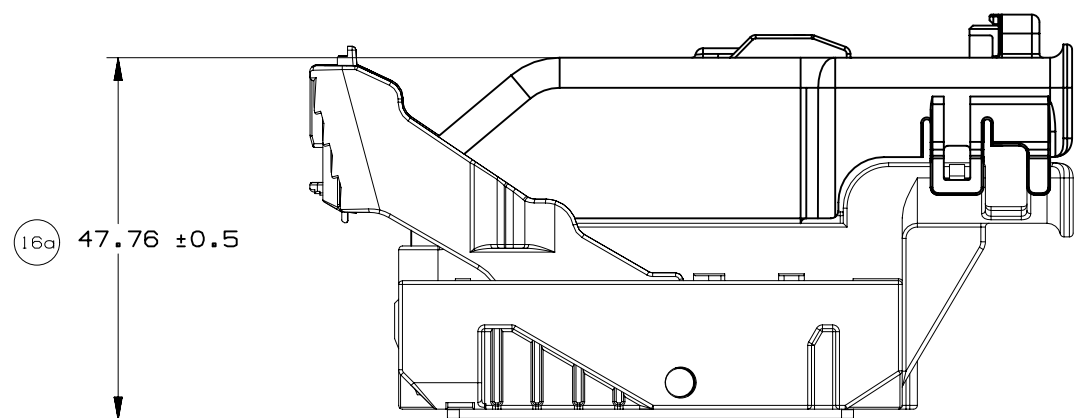
- 1. MX64 RCPT TERM Ag 18/20 GAGE CRIMPED TO SAE WIRE SIZE NO.18 AND MATED TO MX123 0.64MM PIN: 11.3 AMPS
- 2. MX64 RCPT TERM Ag 22 GAGE CRIMPED TO SAE WIRE SIZE NO.22 AND MATED TO MX123 0.64MM PIN:8.5 AMPS

WIRE	CURRENT RATING			
	23°C	85°C	105°C	125°C
18AWG	11.3A	11.3A	9.5A	6.6A
20AWG	10.0A	10.0A	8.3A	5.7A
22AWG	8.6A	8.6A	7.1A	5.0A

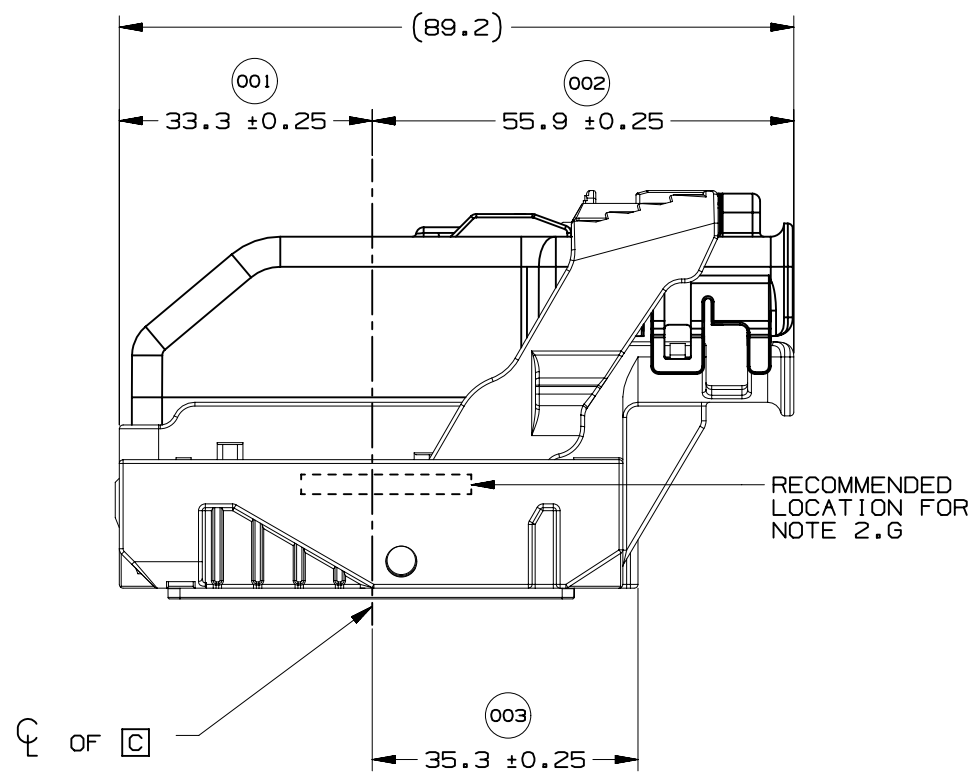
B. 2.8MM RCPT TERM

- 1. 2.8MM RCPT TERM TIN 14 GAGE CRIMPED TO SAE WIRE SIZE NO.14 AND MATED TO MX123 2.8MM BLADE: 25.6 AMPS

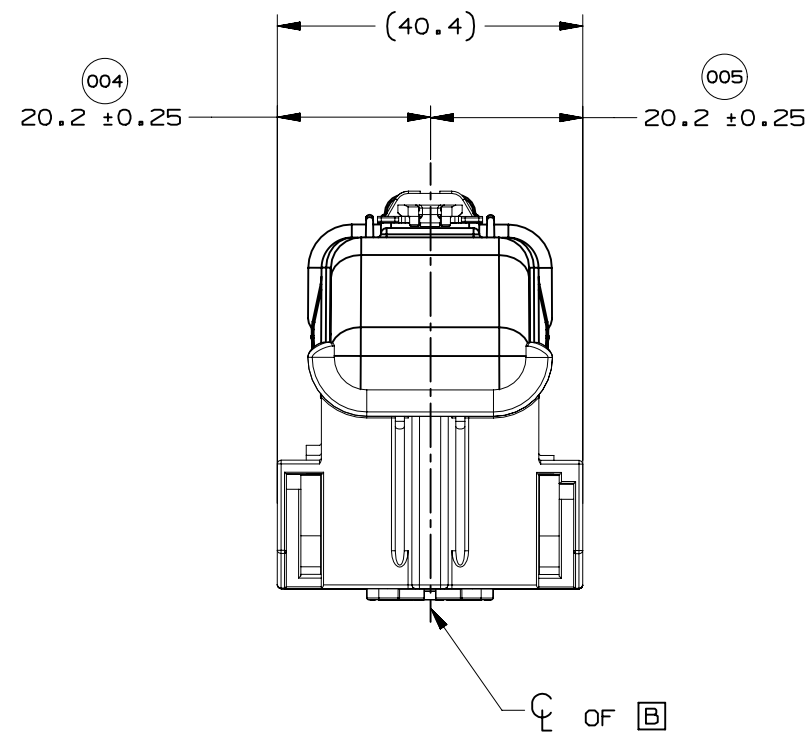
6. CONTACT MOLEX AUTOMOTIVE FOR AVAILABLE CUSTOM PATTERNS OF CAVITIES OPEN FOR CIRCUITS



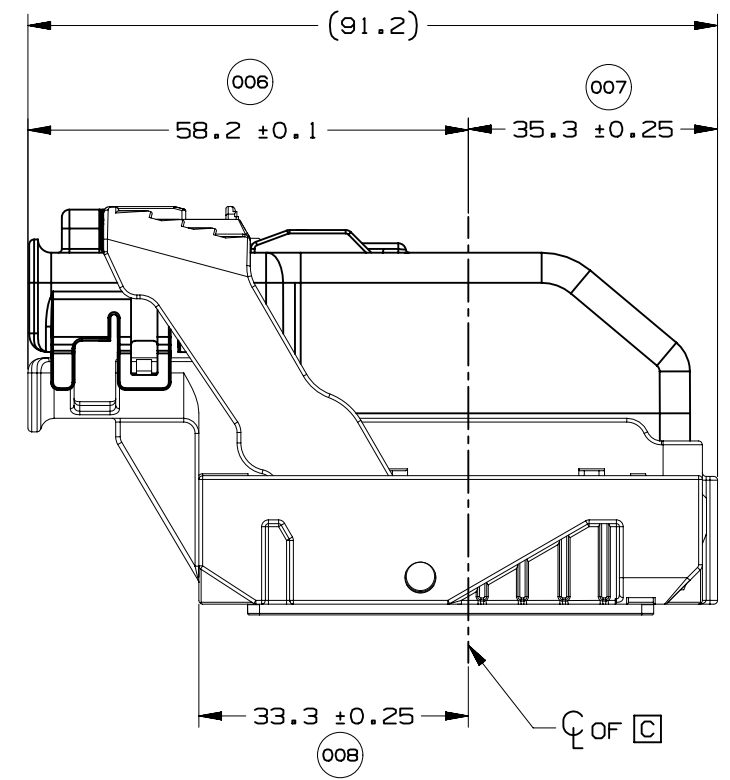




WIRE DRESS OPTION 0 SHOWN

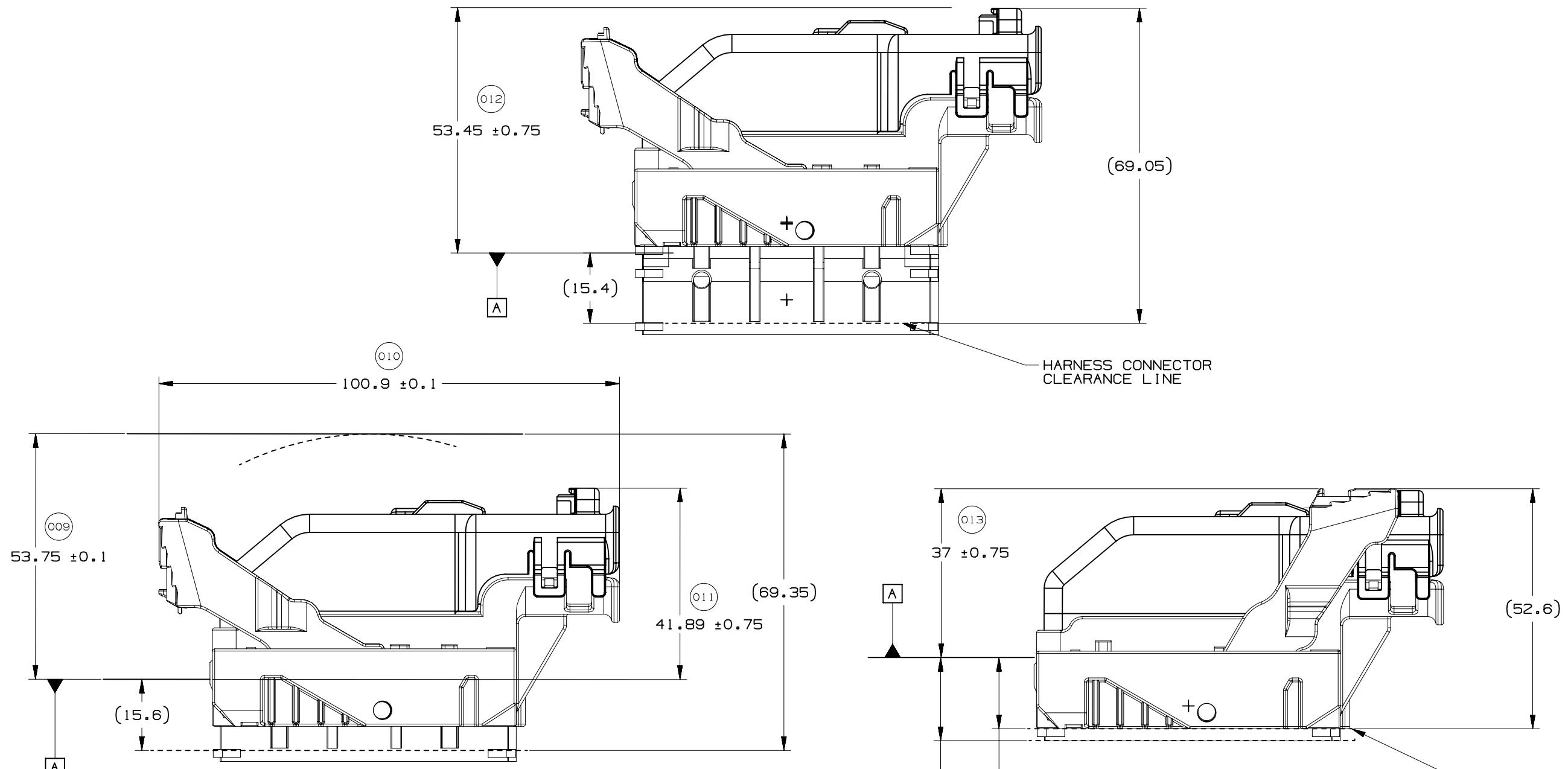


WIRE DRESS OPTION 0 SHOWN



WIRE DRESS OPTION 9 SHOWN





HARNESS CONNECTOR CLEARANCE LINE

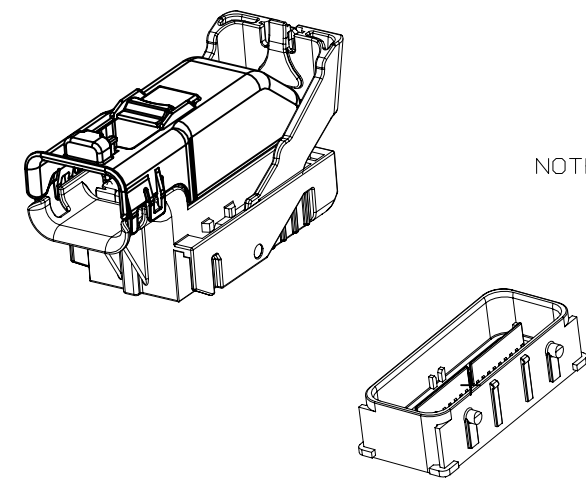
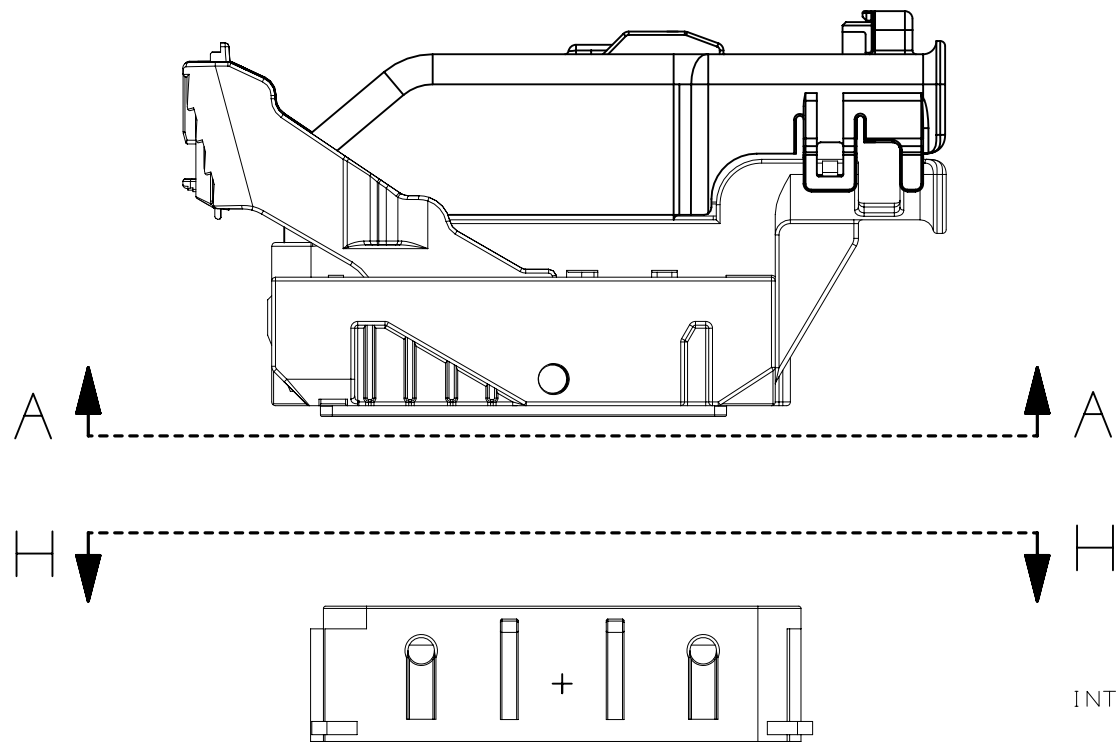
HARNESS CONNECTOR ASSEMBLY IN FULLY-MATED POSITION

HARNESS CONNECTOR CLEARANCE LINE

15.6 MIN. ALL AROUND CLEARANCE REQUIRED FOR HARNESS CONNECTOR (014)

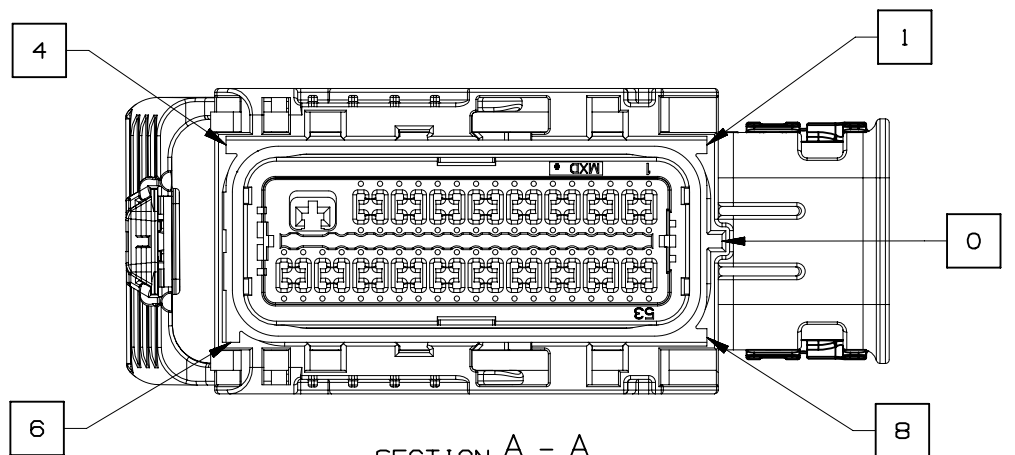
17.9 MIN. AT PAD LOCATION CLEARANCE REQUIRED FOR HARNESS CONNECTOR CONSTRUCTION BELOW THIS PLANE IS NOT CONTROLLED (015)

	PAGE TITLE		DRAWING NUMBER		DWG STATUS			PAGE NUMBER	
	LOCATION AND PACKAGING DIMENSIONS		12642695		ST	REV	PD1	10 OF 21	
	REFERENCING INTERFACE DATUM A				R	002			

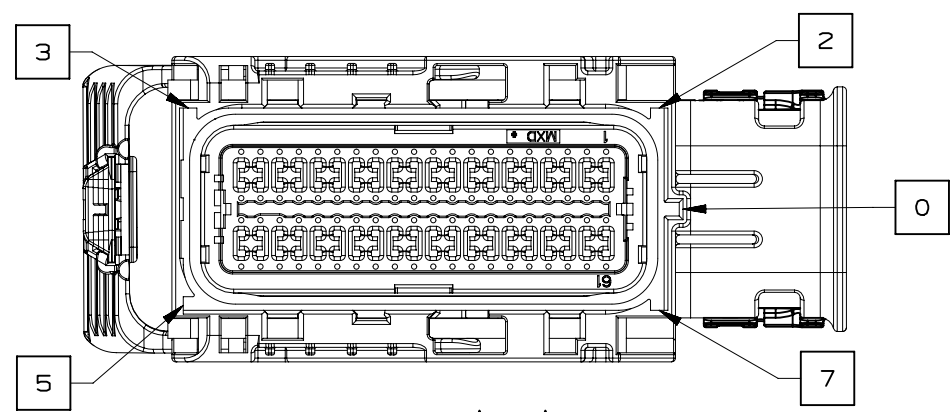


NOTE: REFERENCE THE COMPONENT TABLE FOR KEY OPTIONS AND CONFIGURATIONS

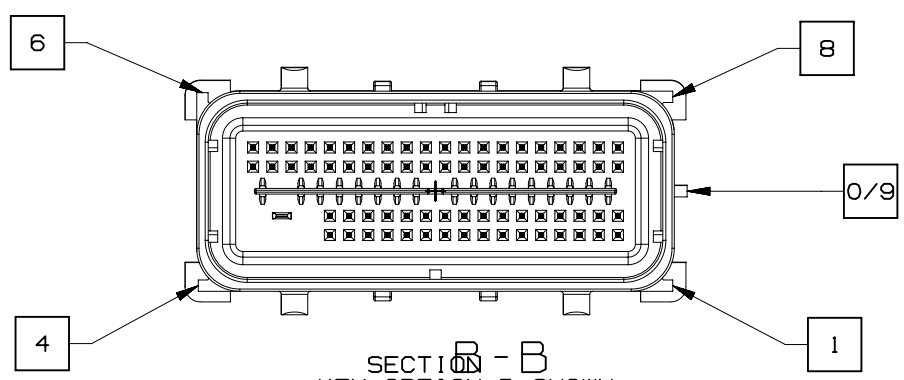
INTERFACE SIDE SHOWN ON ALL SECTION VIEWS



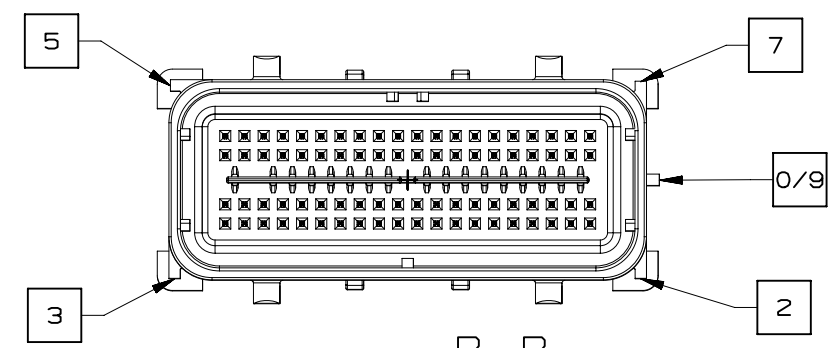
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KEY OPTION B SHOWN



SECTION A - A  
KEY OPTION K SHOWN

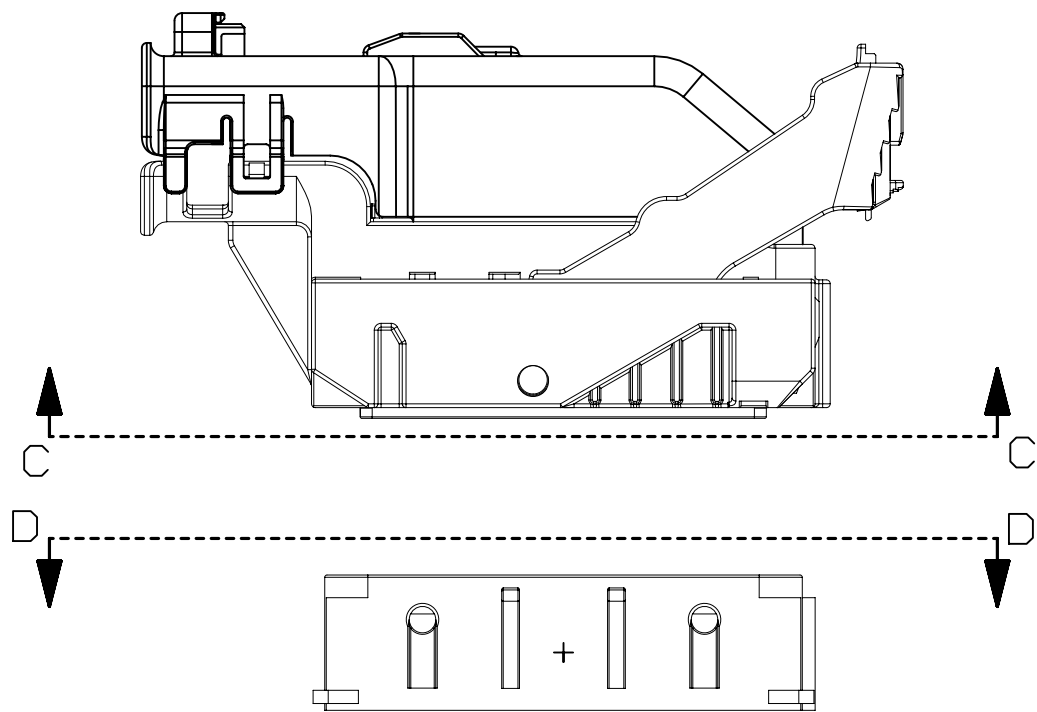


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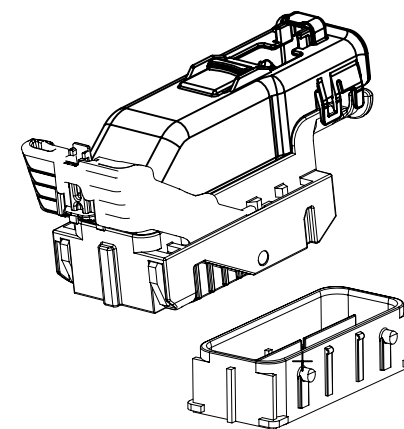


SECTION B - B  
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	PAGE TITLE	DRAWING NUMBER <b>12642695</b>	DWG STATUS			PAGE NUMBER	
	KEY ID REF - WIRE DRESS OPTION 0		ST	REV	PD1	11	OF 21
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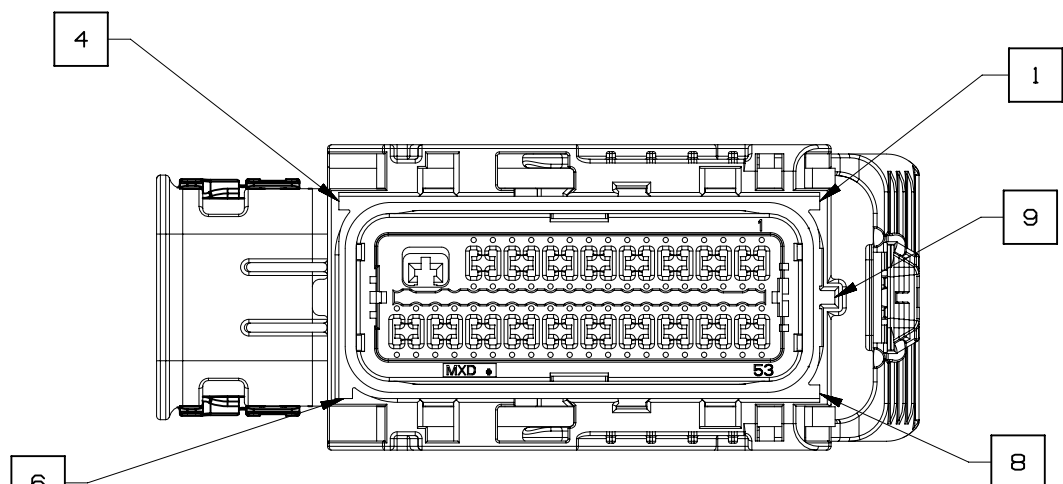


INTERFACE SIDE SHOWN ON ALL SECTION VIEWS

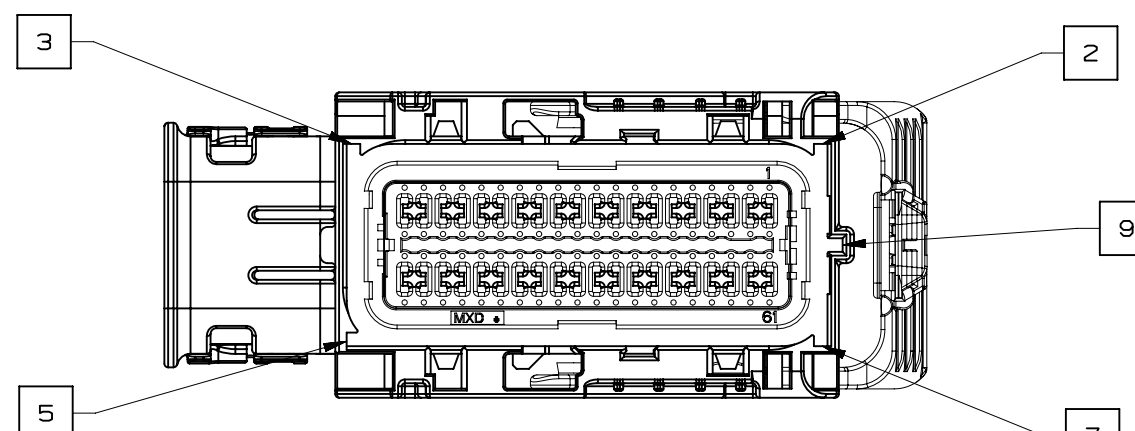


NOTE: REFERENCE THE COMPONENT TABLE FOR KEY OPTIONS AND CONFIGURATIONS

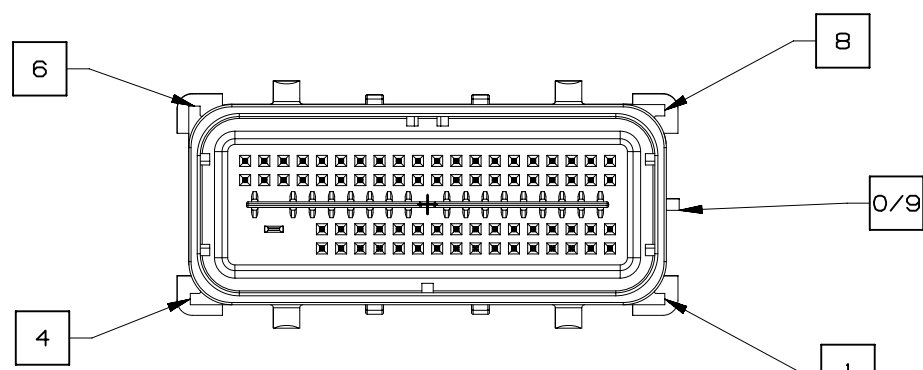
VIEW V



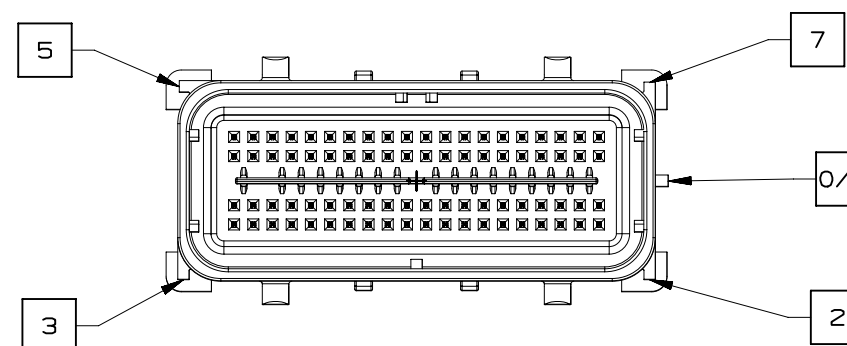
SECTION C-C  
KEY OPTION B SHOWN



SECTION C-C  
KEY OPTION K SHOWN



SECTION D-D  
KEY OPTION B SHOWN



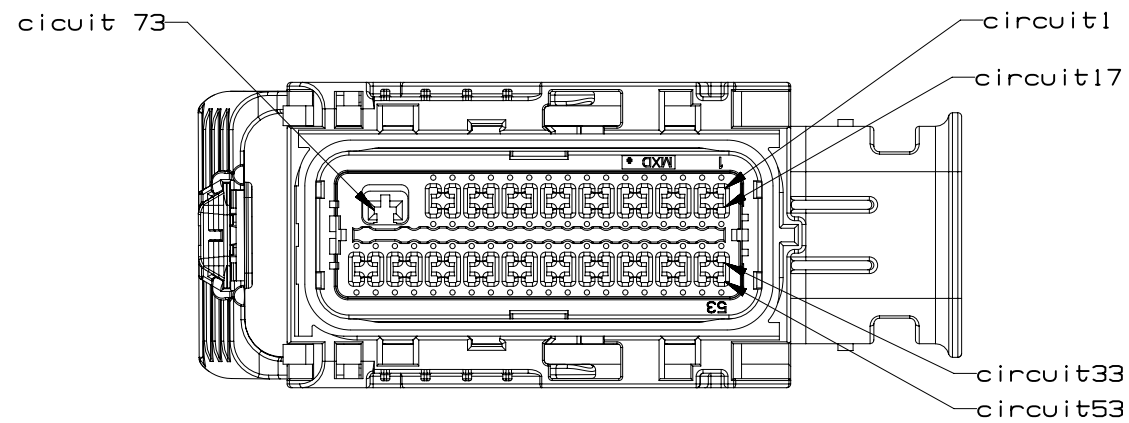
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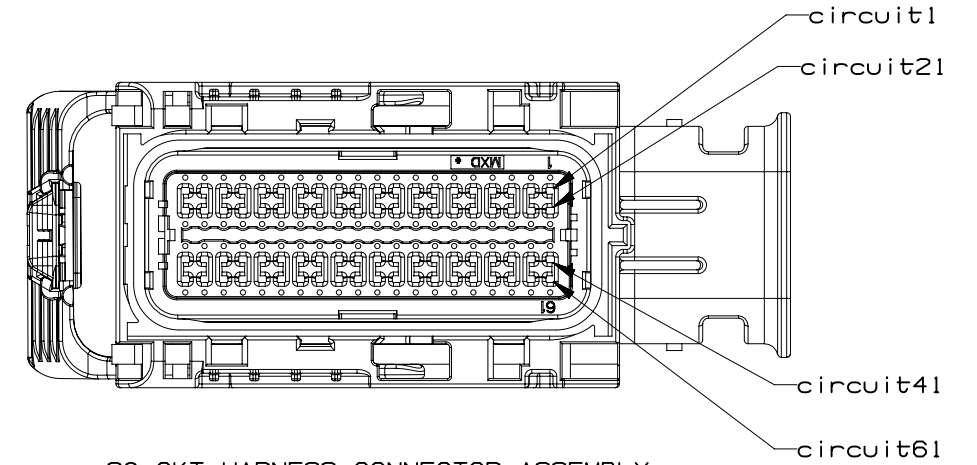
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DRAWING NUMBER  
12642695

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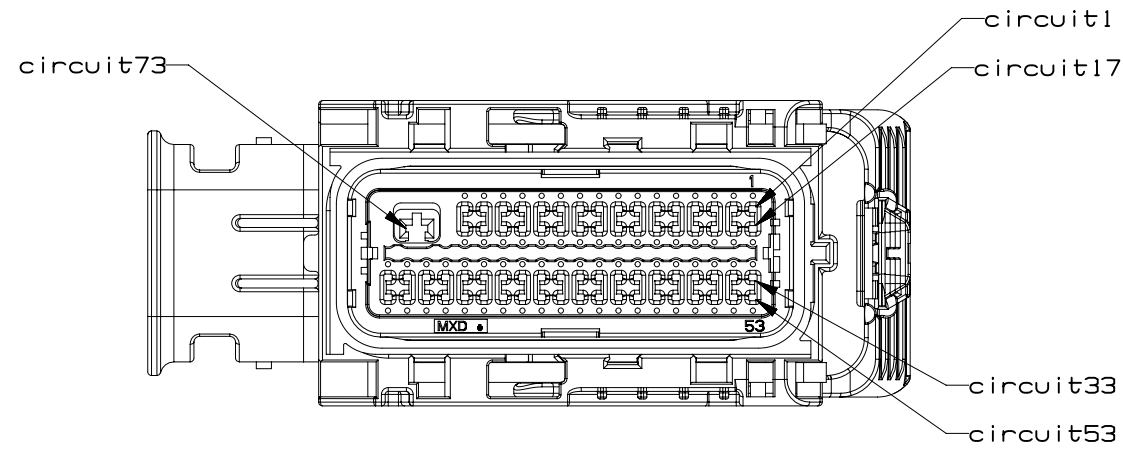


73 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 0

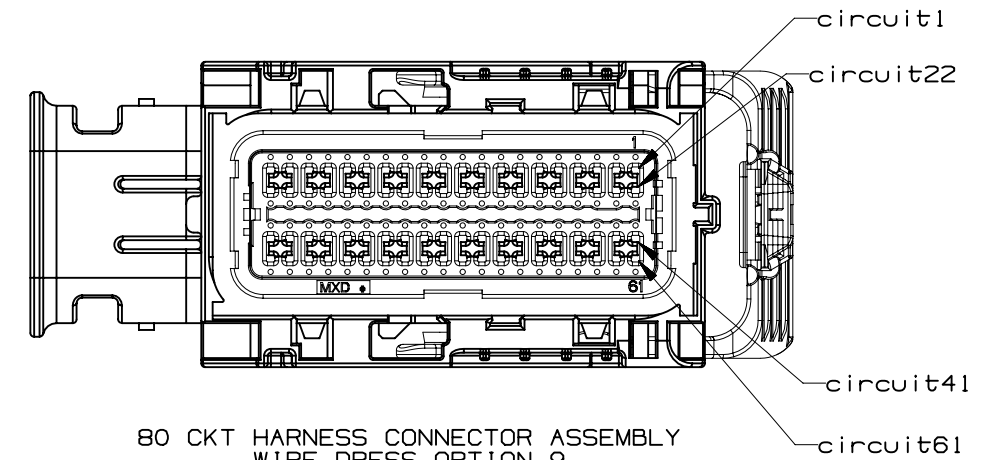


80 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 0

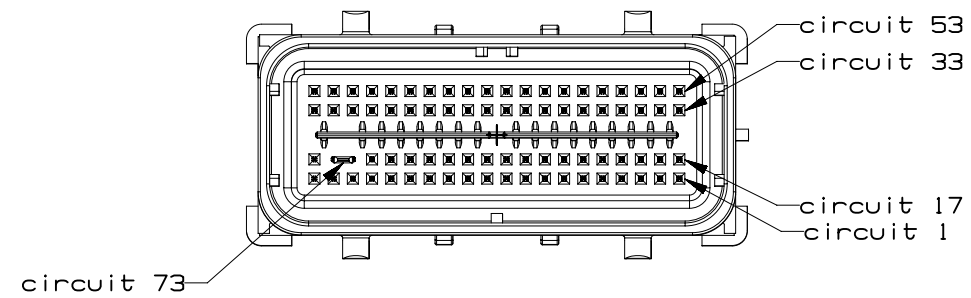
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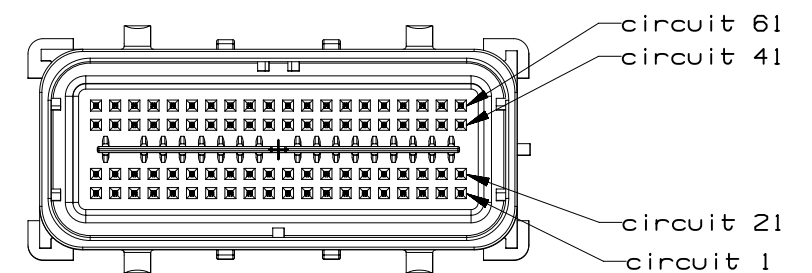
73 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9



80 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9

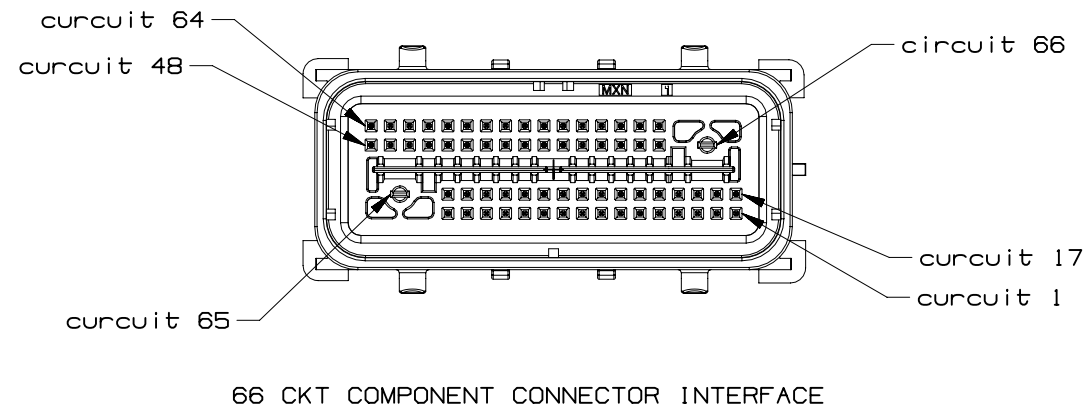
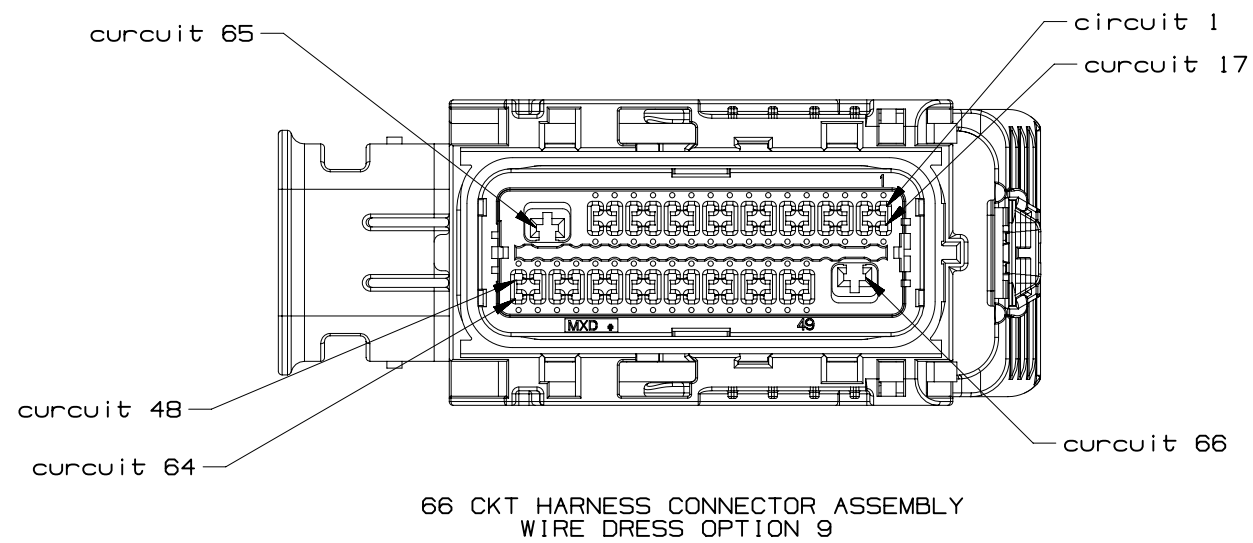
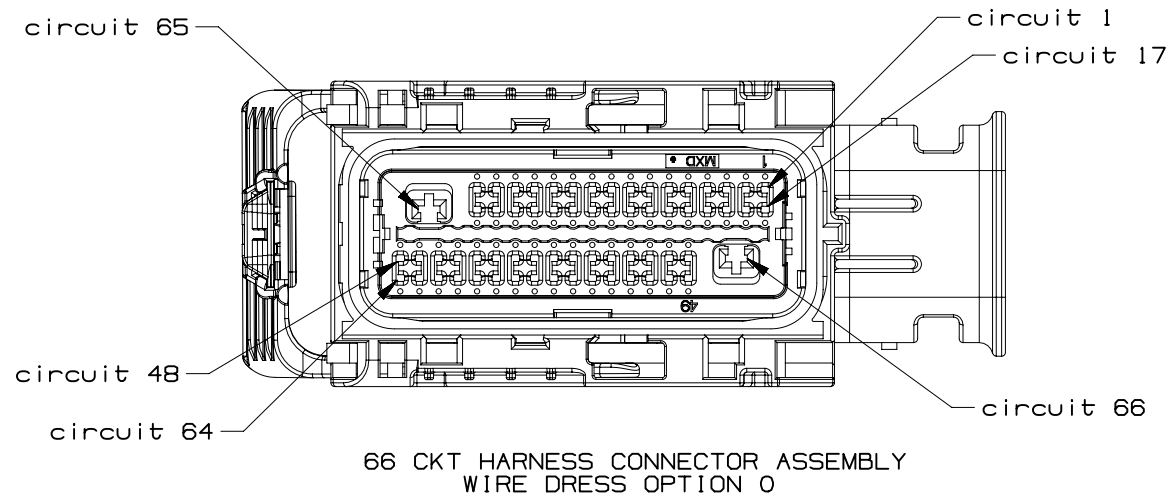


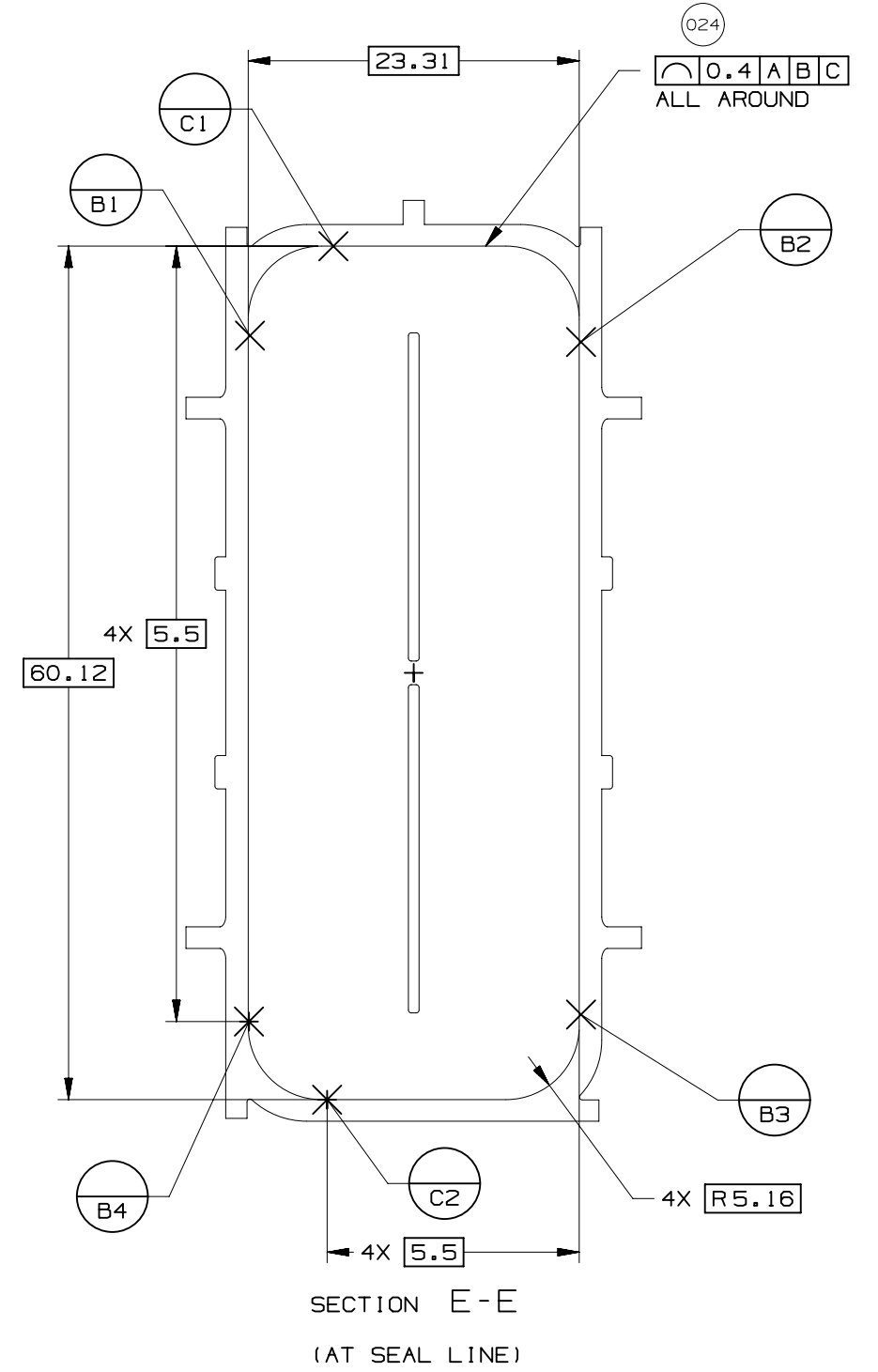
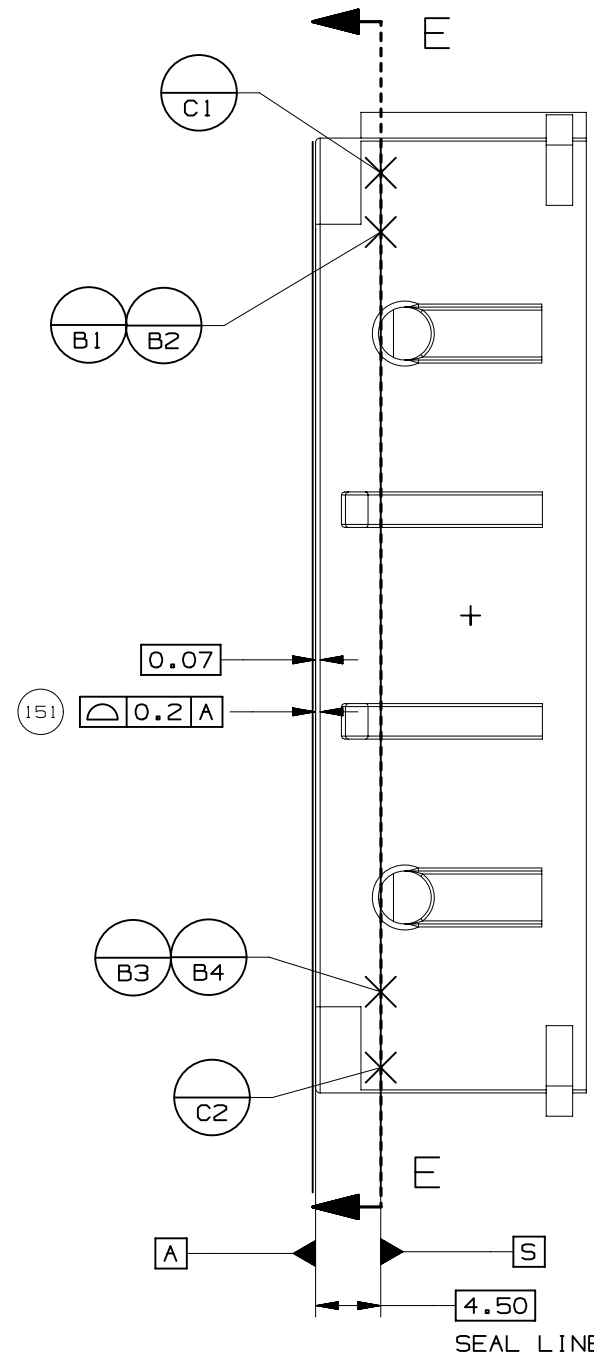
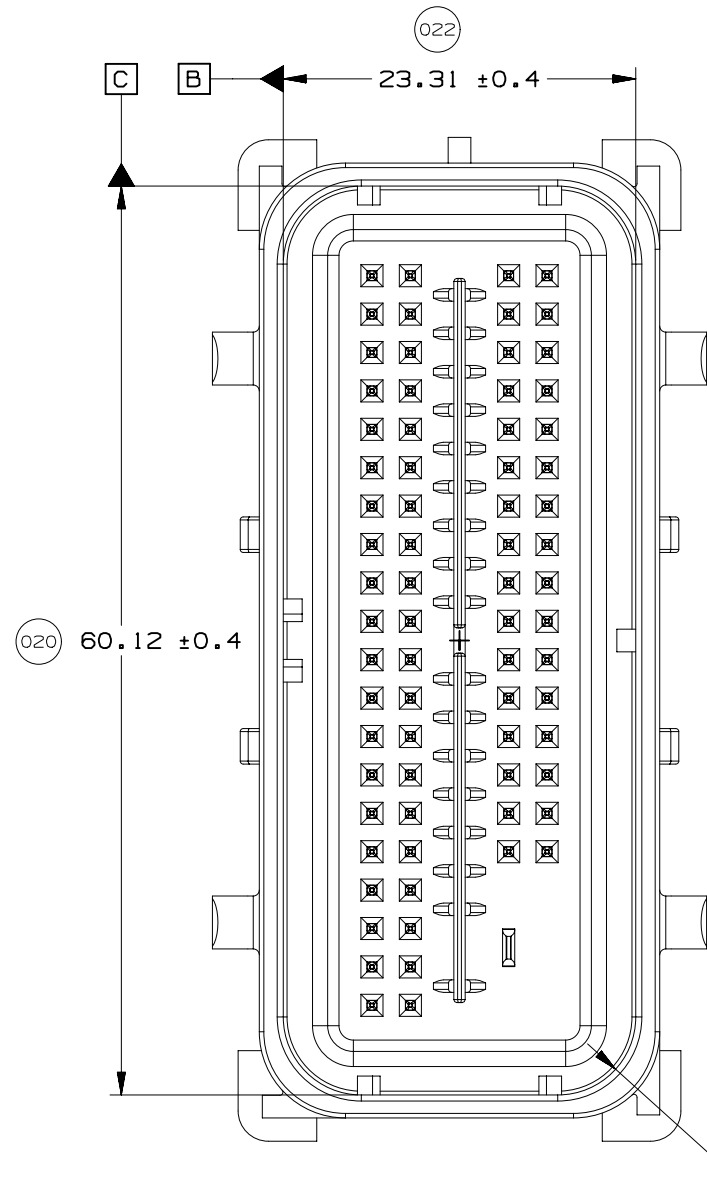
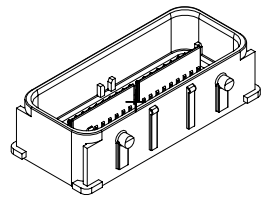
73 CKT COMPONENT CONNECTOR INTERFACE



80 CKT COMPONENT CONNECTOR INTERFACE







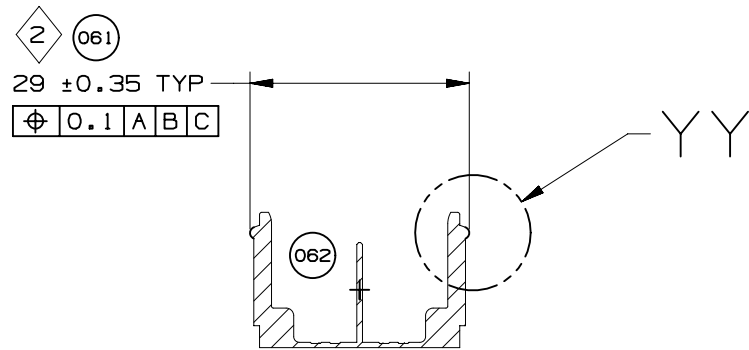
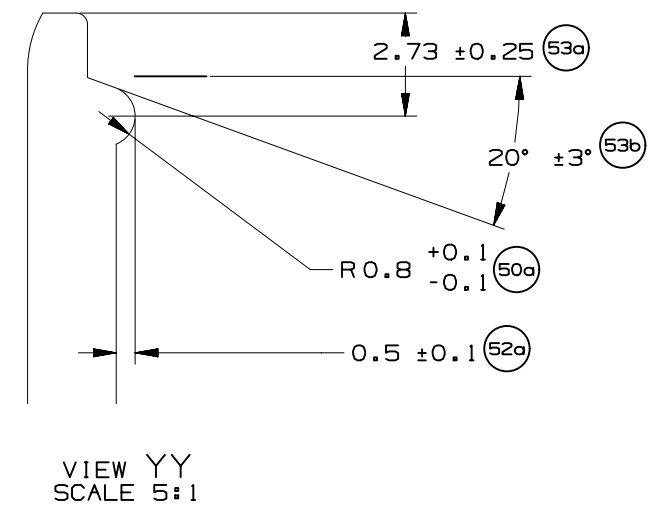
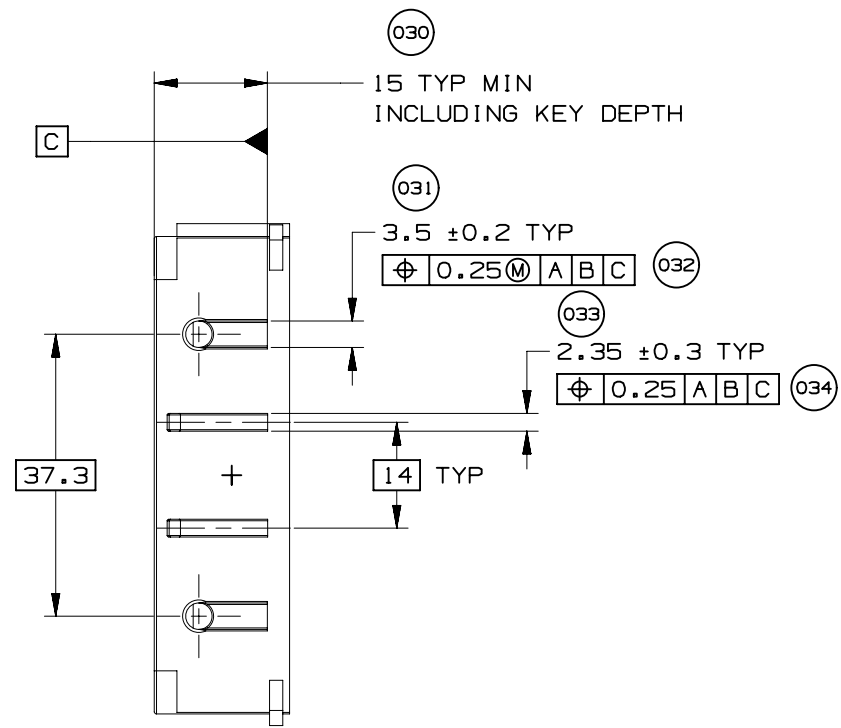
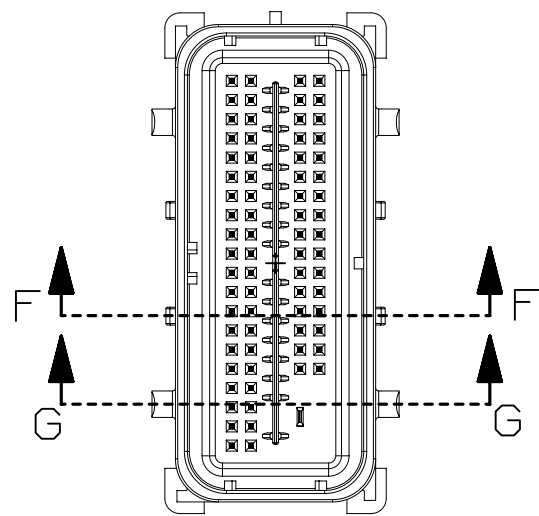
UNLESS SPECIFIED, TOLERANCE OF THE COMPONENT CONNECTOR INTERFACE TO BE  $\sqrt[0.13]{A B C}$



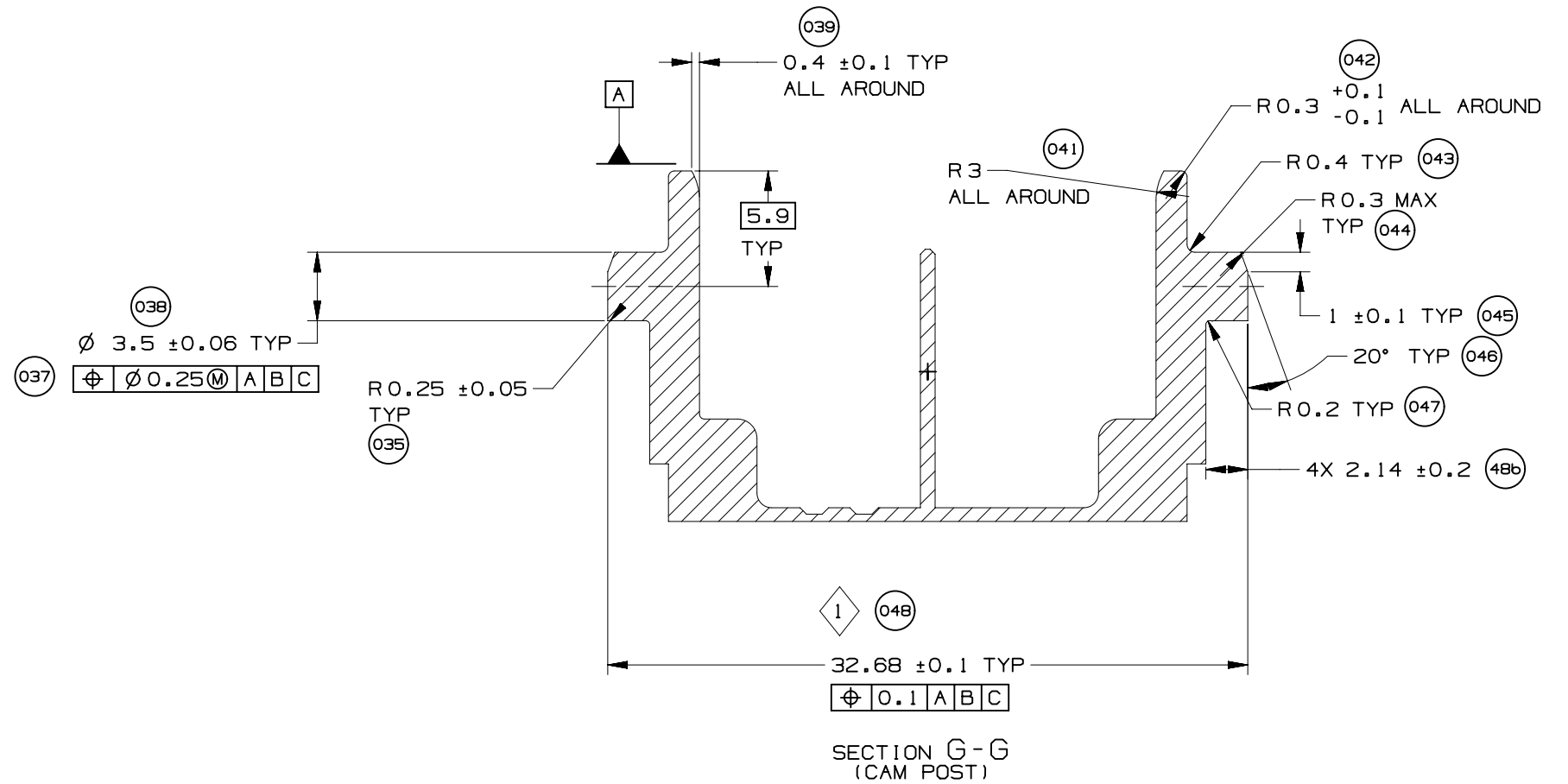
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COMPONENT CONNECTOR INTERFACE

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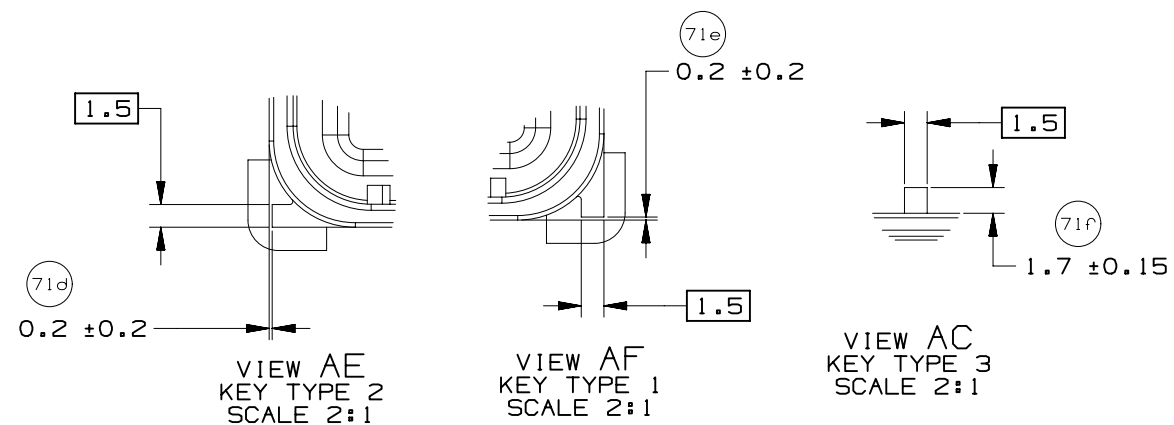
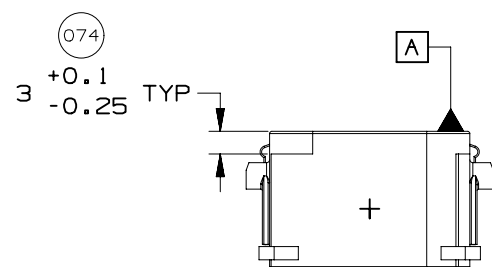
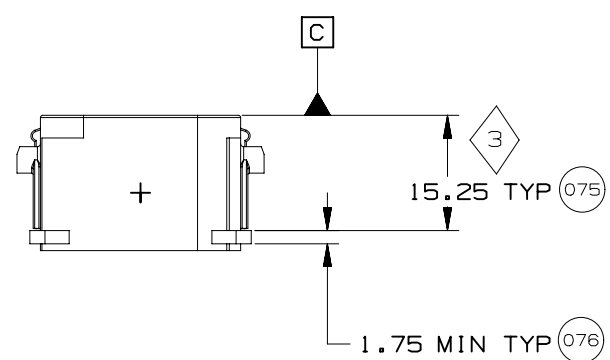
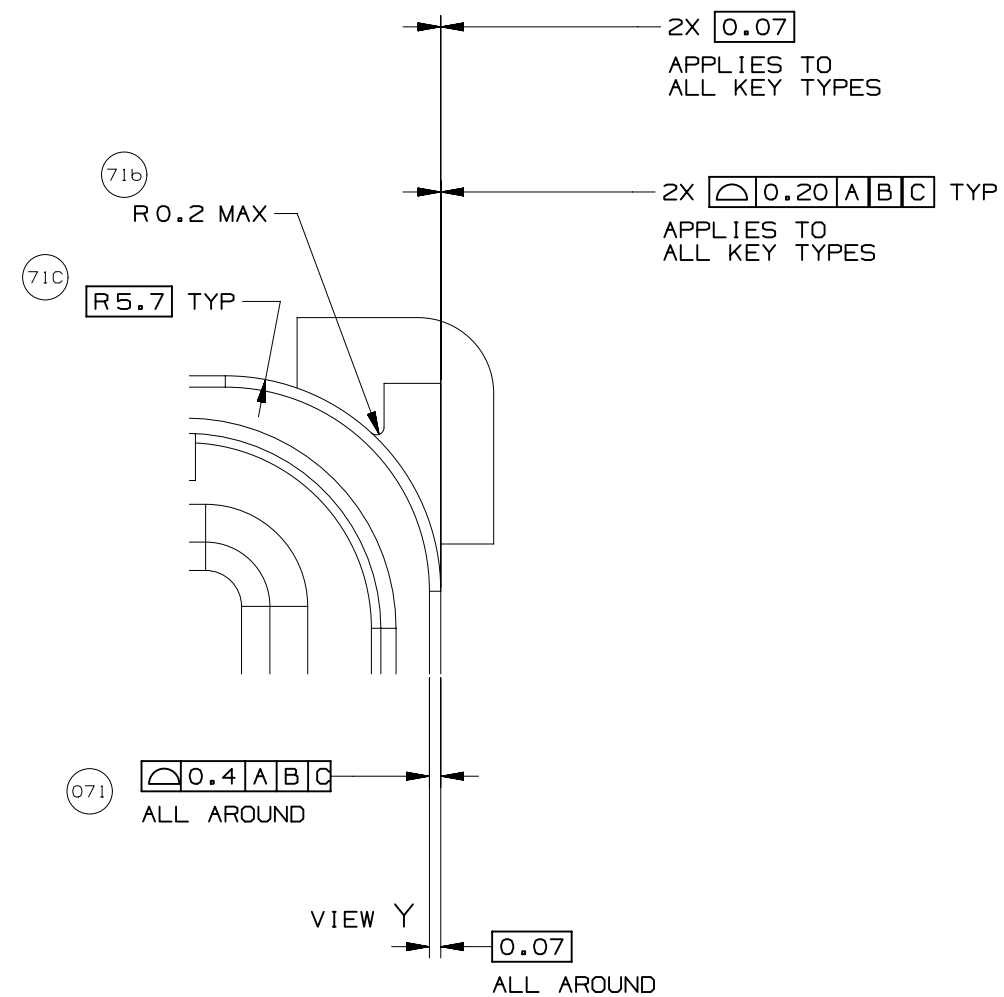
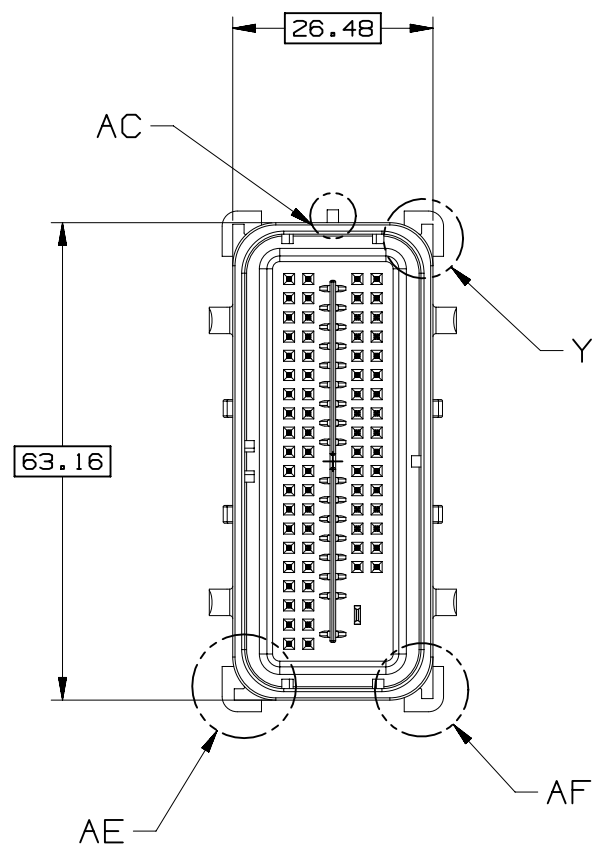
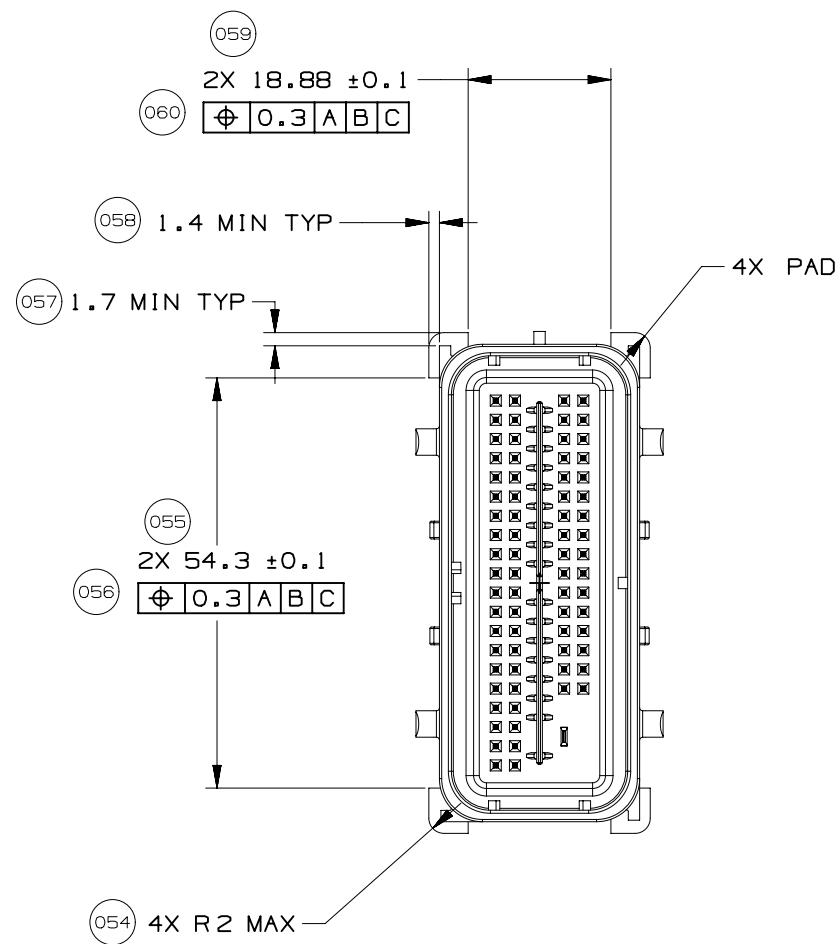
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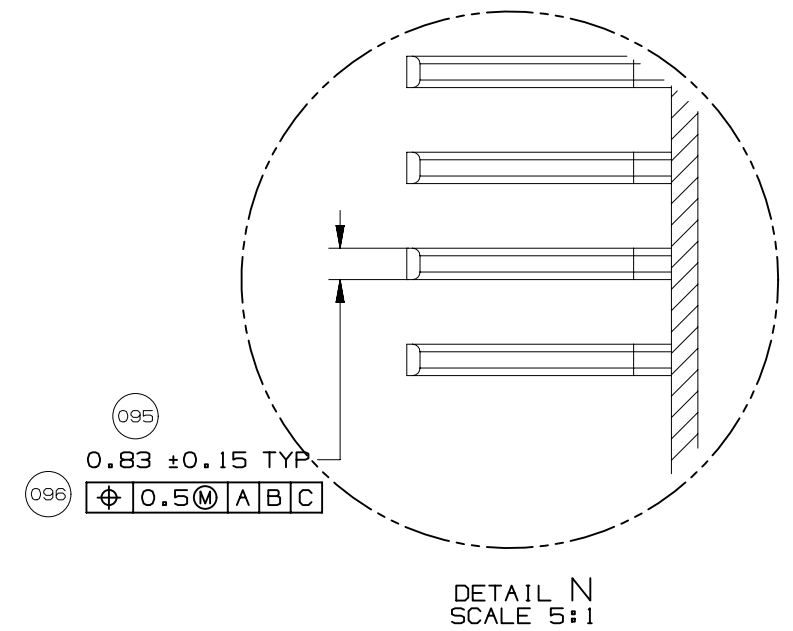
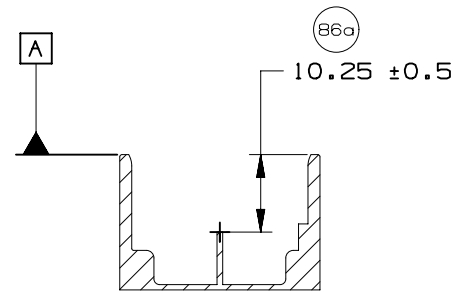
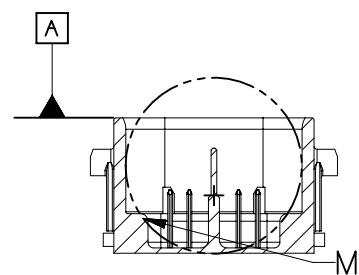
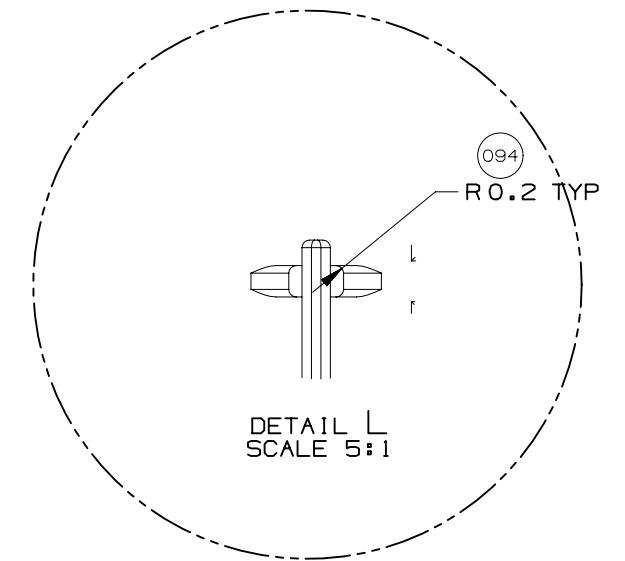
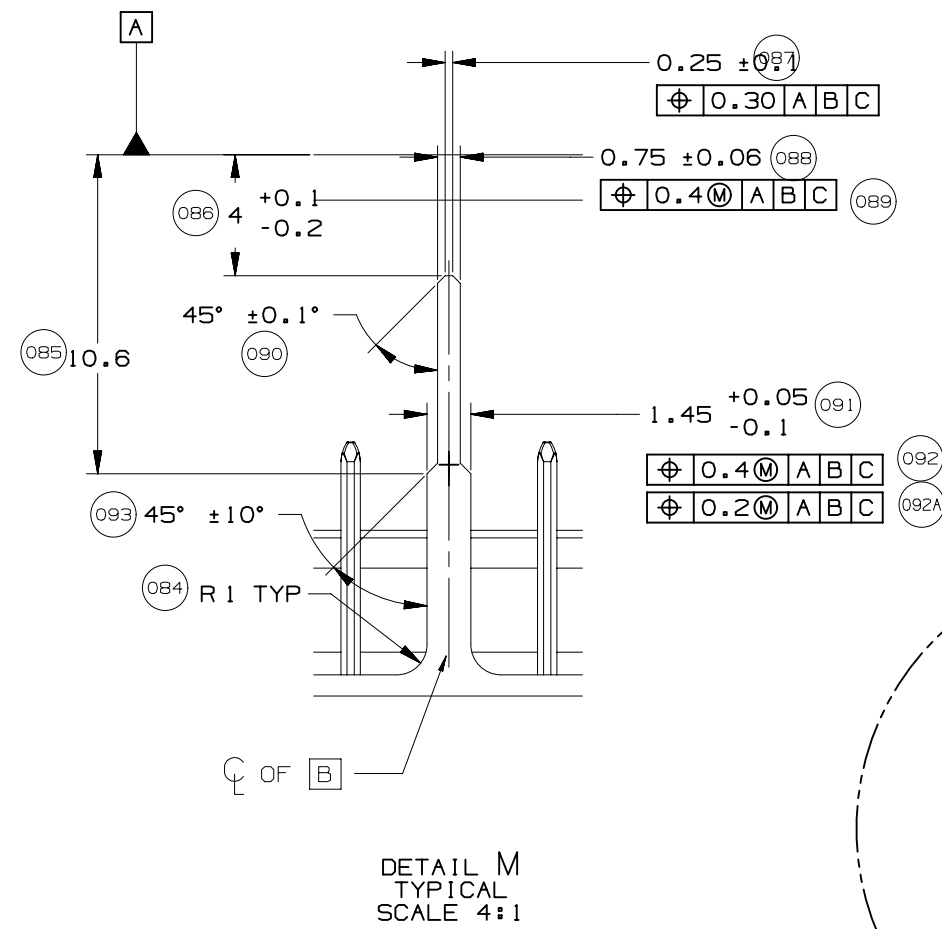
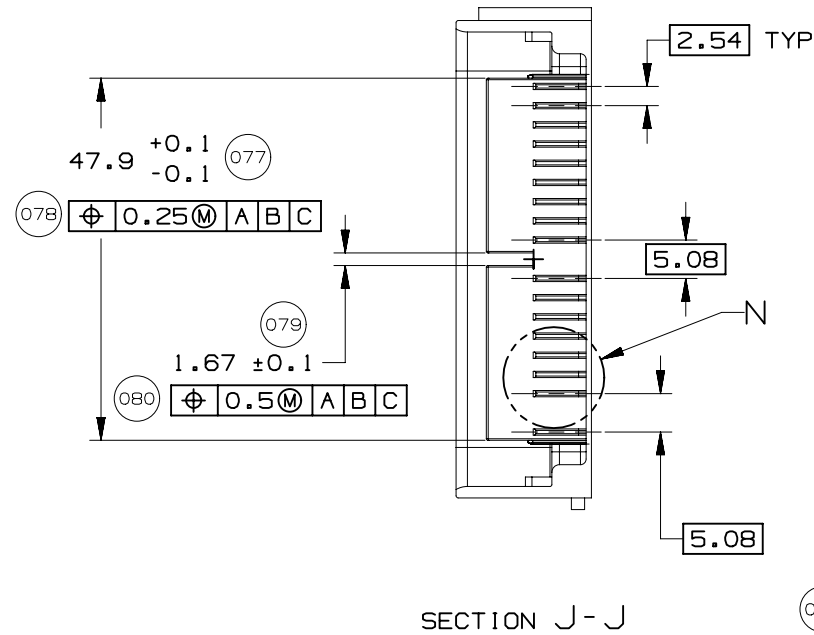
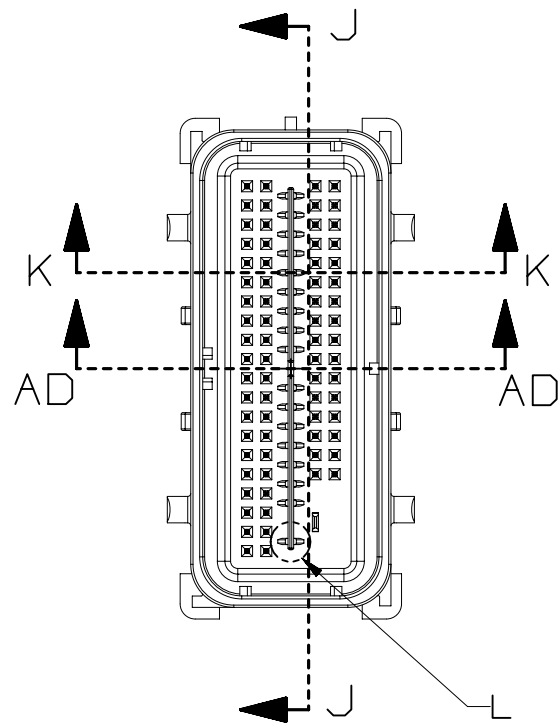


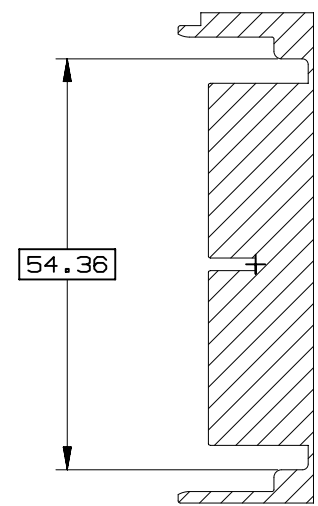
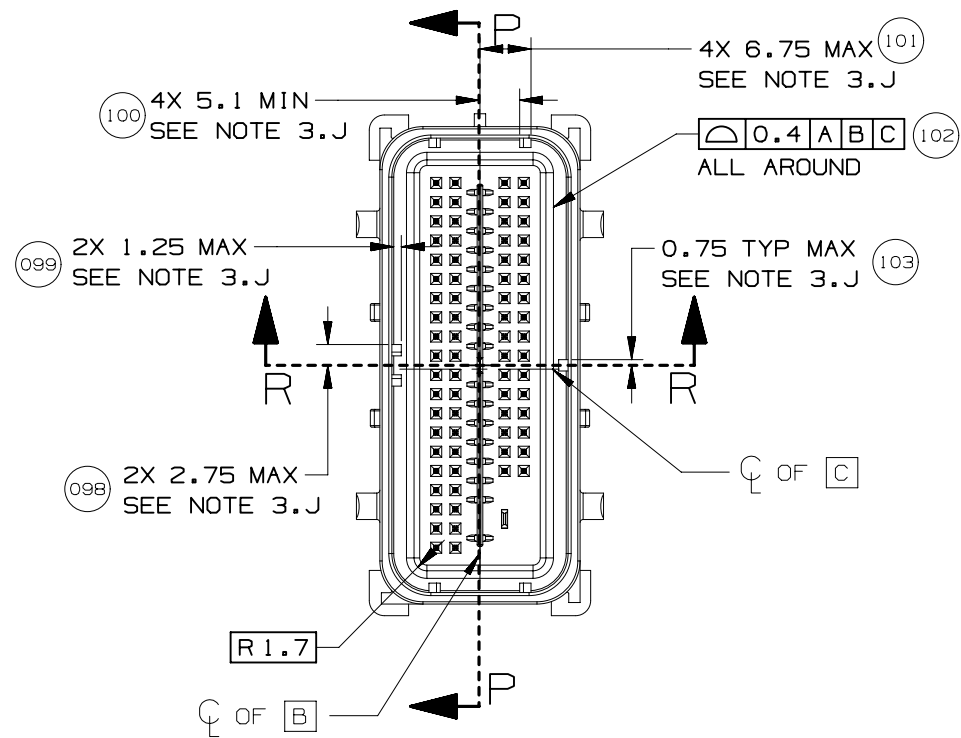


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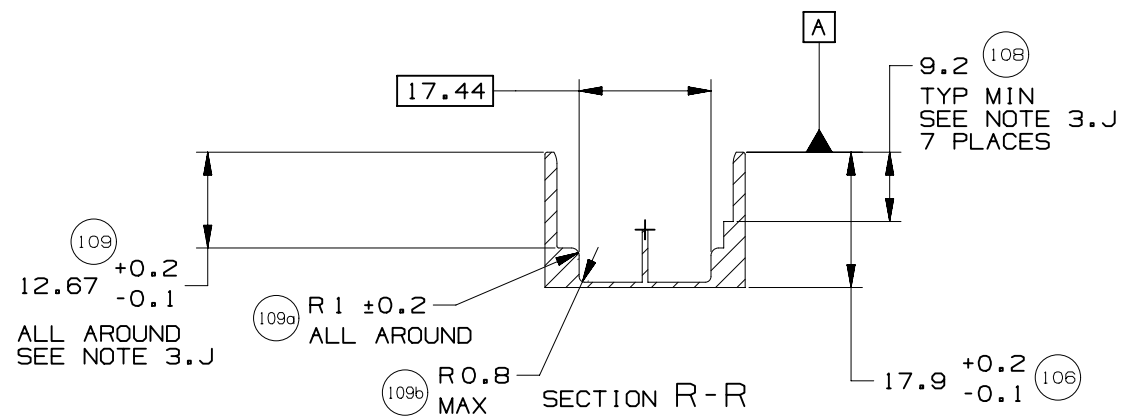
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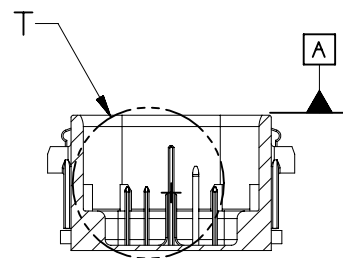
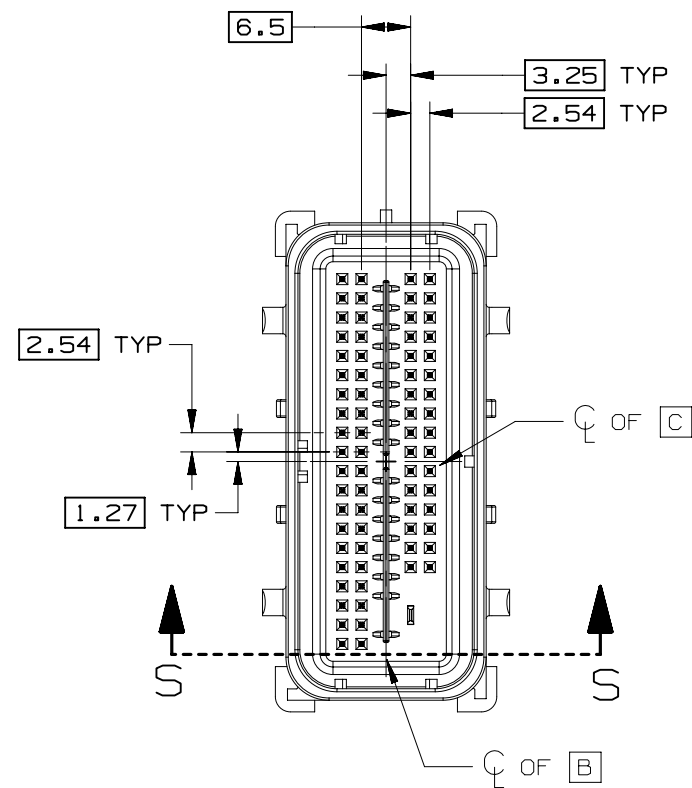
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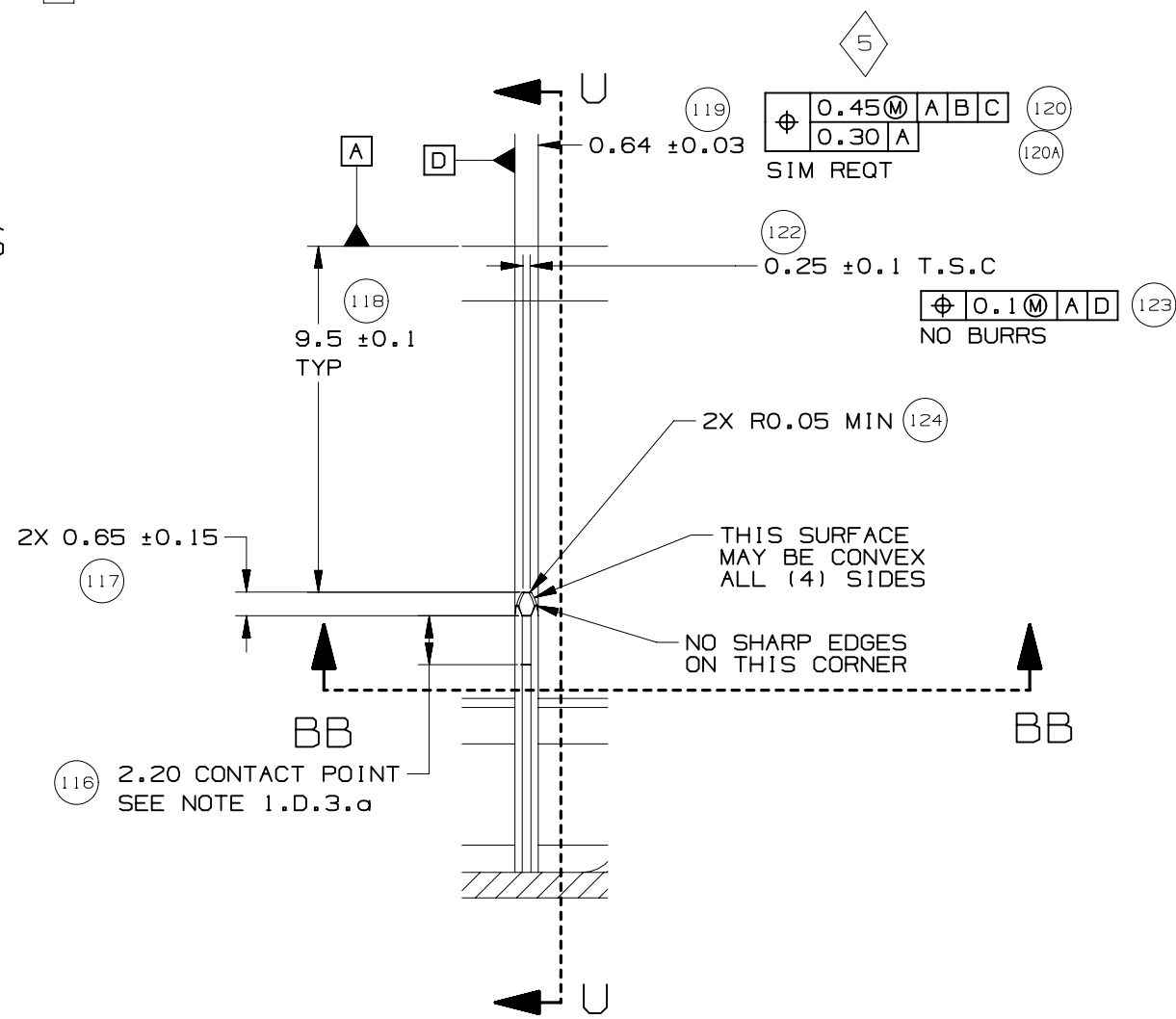


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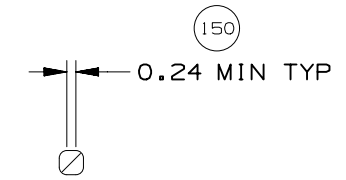




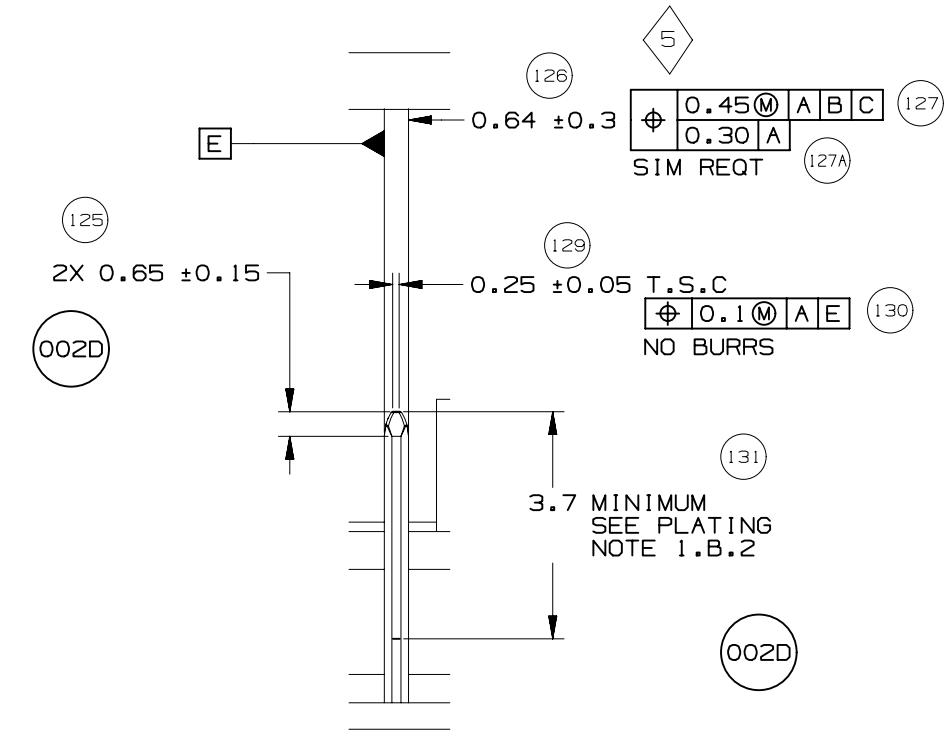
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DETAIL T  
TYPICAL  
SCALE 5:1

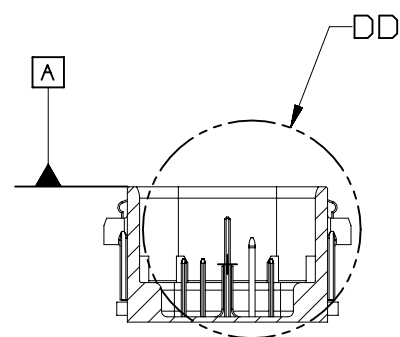
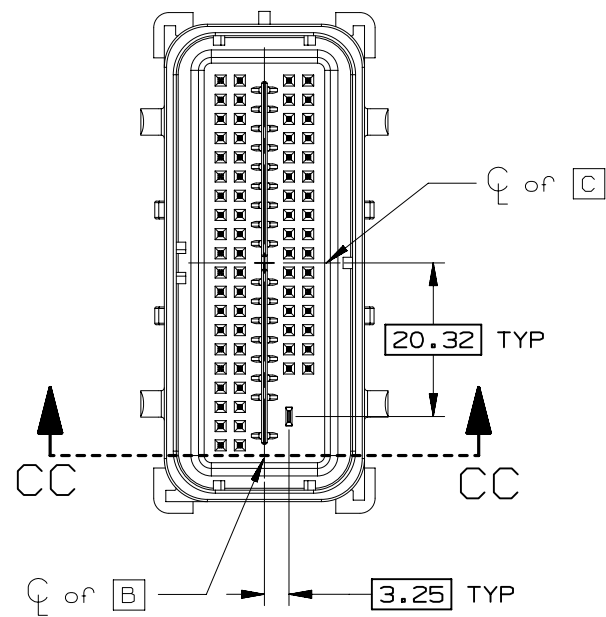


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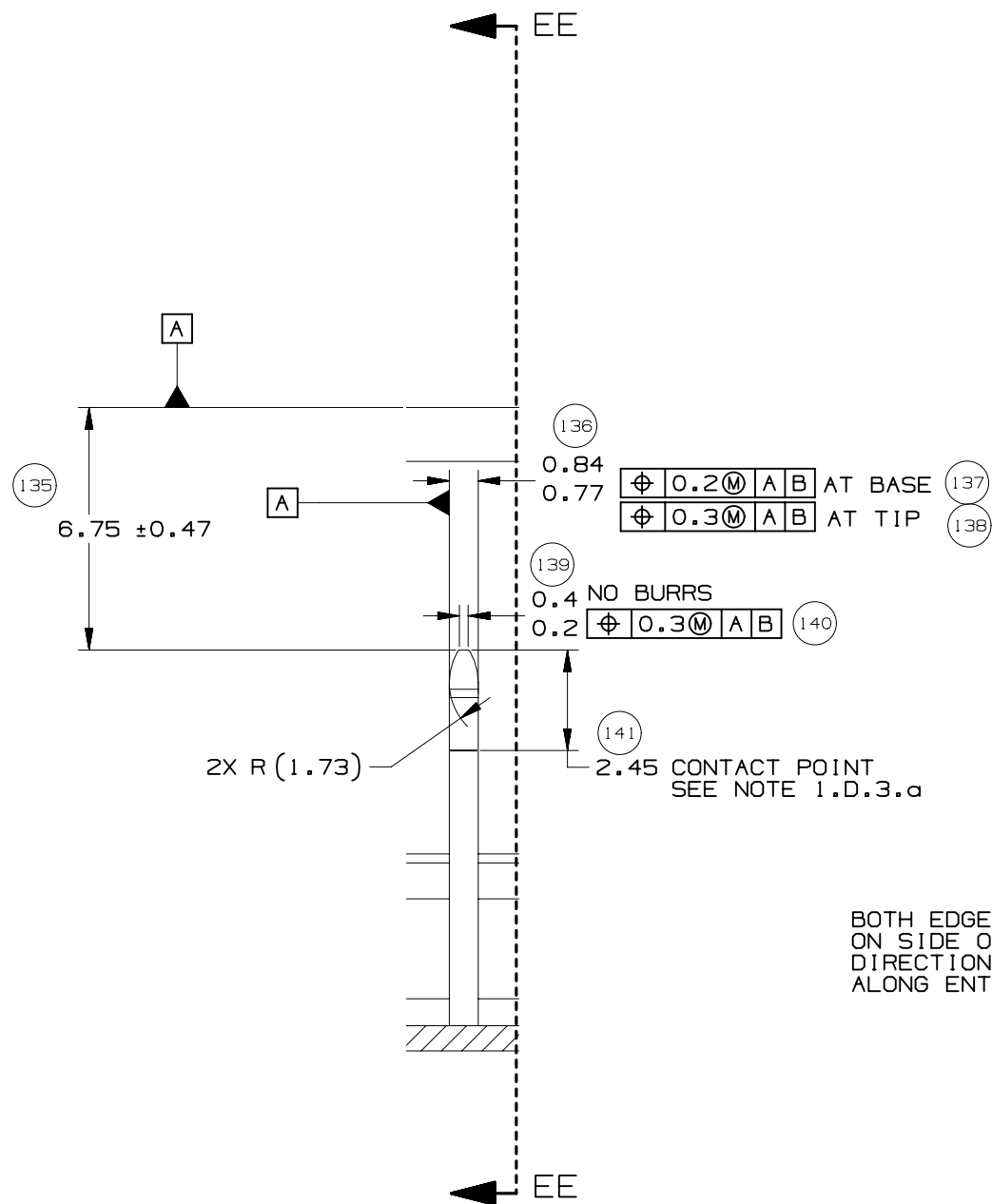


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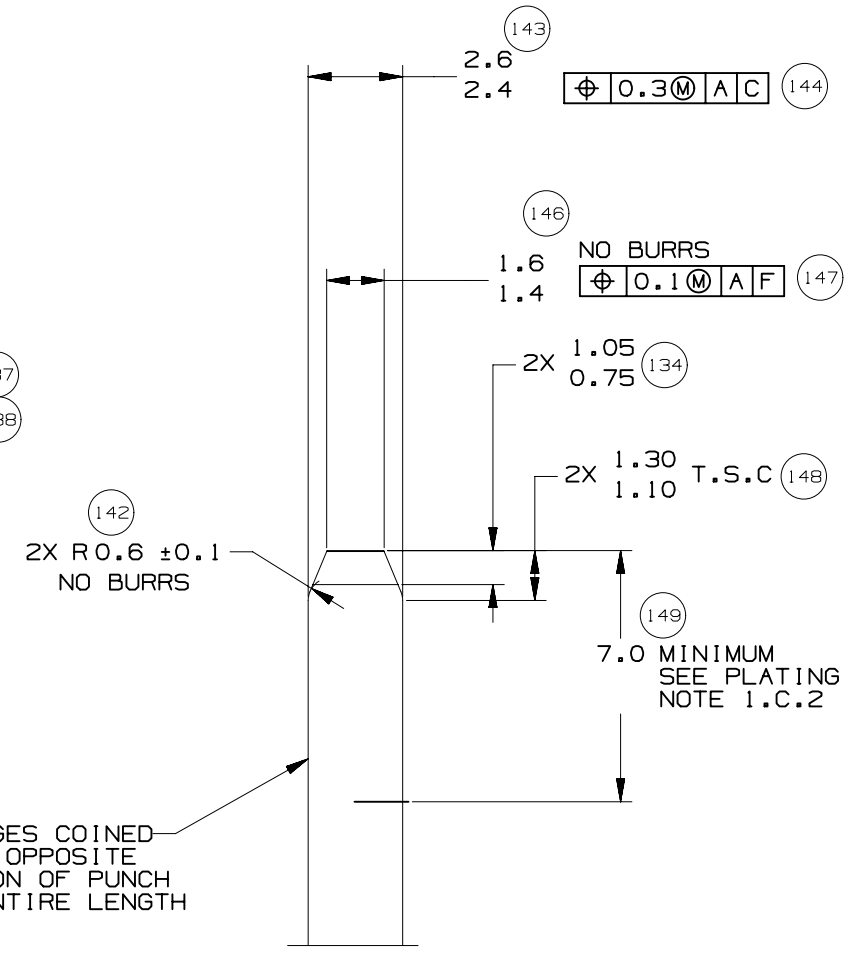




SECTION CC-CC



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TYPICAL  
SCALE 5:1

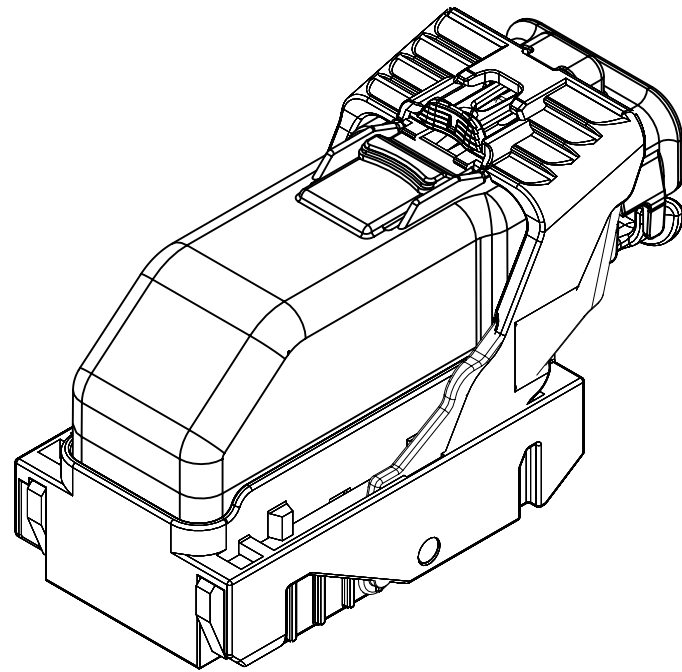


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TYPICAL


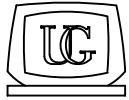
BOTH EDGES COINED  
ON SIDE OPPOSITE  
DIRECTION OF PUNCH  
ALONG ENTIRE LENGTH



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ISO VIEW

	<p><b>UNLESS OTHERWISE SPECIFIED:</b> THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN A RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.</p>			DATE						
	 CHANGE RESTRICTED NO MANUAL CHANGES	REFERENCE 12H (MOLEX AUTOMOTIVE)	DRAFTER J SZYMKOWSKI APVD1 D PFAFFINGER APVD2 B BURT APVD3 APVD4 APVD5	22DE05 22DE05 22DE05    						
DO NOT SCALE	DRAWING NAME HARNESS CONN ASM 66/73/80 CKTS									
METRIC DIMENSIONS SHOWN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED	DRAWING NUMBER 12642695		DWG STATUS <table border="1"> <tr> <th>ST</th> <th>REV</th> <th>PD1</th> </tr> <tr> <td>R</td> <td>002</td> <td></td> </tr> </table>		ST	REV	PD1	R	002	
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R	002									
			PAGE NUMBER 1 OF 21							

PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					
	19DE11	R	001			RELEASED TO PRODUCTION AT DLS A	CRMRJB	SC	MRO	GF
3	08MY15	R	002	A		REORDERED PART BLOCK AND ADDED MASS CORRECTED P/N TYPO FROM 12562676 TO 12582676				
3, 5		R	002	B		ADDED 12659312, 12659313, 12653574 AND 12653575				
6		R	002	C		REMOVED NOTE 1 . D . 3 . C				
20		R	002	D		DIM 125 WAS 3.25 DIM 131 WAS 5.5	CRMRJD	DFK	MRO	GF

PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					

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KEY PRODUCT CHARACTERISTICS  
(IN ACCORDANCE WITH QN 1805 OR ON 1050)



SAFETY/COMPLIANCE

TOTAL ON  
DRAWING

5



FIT/FUNCTION

LAST NO.  
USED

5

NO	TYPE	DESCRIPTION	RATIONALE	PAGE/ZONE
1	F/F	32.68	IMPROVE CONNECTOR SYSTEM MATING	15
2	F/F	29.00	INSURE PROPER RELEASE OF LEVER	15
3	F/F	15.25	INSURE FINAL MATE POSITION	16
5	F/F	POSITIONAL TOLERANCE (2 PLACES)	INSURE CONNECTOR SYSTEM MATEABILITY	19



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LINE	MFG.	MFG. P/N	GM P/N	EFFECTIVE DATE	APPLICABLE COMPONENTS	KEY OPTION	WIRE DRESS OPTION	KEY CONFIG.	COLOR	STATUS
					DESCRIPTION					
-										
1	MOLEX	34565-0003	12582676	02JN03	MX123 DRESS COVER 66/73/80 CKT	N/A	N/A	N/A	BLACK	AVAILABLE
2	MOLEX	34822-0013	12642692	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	0	1458	BLACK	AVAILABLE
3	MOLEX	34822-0033	12659312	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	0	2467	BLUE	AVAILABLE
4	MOLEX	34822-0023	12642693	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	9	1458	BLACK	AVAILABLE
5	MOLEX	34822-0043	12659313	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	9	2467	BLUE	AVAILABLE
6	MOLEX	34566-0103	12582677	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	0	1458	BLACK	AVAILABLE
7	MOLEX	34566-0203	12582678	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	0	1468	ST GRAY	AVAILABLE
8	MOLEX	34566-0303	12615654	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	0	2467	BLUE	AVAILABLE
9	MOLEX	34566-0403	12647268	T.B.D	MX123 HRNS CONN ASSY 73 CKT	D	0	2367	BROWN	NOT ACTIVE
10	MOLEX	34566-0503	AMJ28633	T.B.D	MX123 HRNS CONN ASSY 73 CKT	E	0	2468	GREEN	NOT ACTIVE
11	MOLEX	34566-0603	12653574	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	0	1357	NATURAL	AVAILABLE
12	MOLEX	34566-0703	12588057	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	0	1358	BLUE	AVAILABLE
13	MOLEX	34566-0803	12588058	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	0	2458	ST GRAY	AVAILABLE
14	MOLEX	34566-0903	12615656	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	0	2457	BLACK	NOT ACTIVE
15	MOLEX	34566-1003	AMJ28595	T.B.D	MX123 HRNS CONN ASSY 80 CKT	K	0	2357	BROWN	NOT ACTIVE
16	MOLEX	34566-1103	AMJ29057	T.B.D	MX123 HRNS CONN ASSY 80 CKT	L	0	2368	GREEN	NOT ACTIVE
17	MOLEX	34566-1203	AMJ28669	T.B.D	MX123 HRNS CONN ASSY 80 CKT	M	0	2358	NATURAL	NOT ACTIVE
18	MOLEX	34566-1303	12603596	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	9	1458	BLACK	AVAILABLE
19	MOLEX	34566-1403	12603597	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	9	1468	ST GRAY	AVAILABLE
20	MOLEX	34566-1503	12615655	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	9	2467	BLUE	AVAILABLE
21	MOLEX	34566-1603	12647269	T.B.D	MX123 HRNS CONN ASSY 73 CKT	D	9	2367	BROWN	NOT ACTIVE
22	MOLEX	34566-1703	AMJ28698	T.B.D	MX123 HRNS CONN ASSY 73 CKT	E	9	2468	GREEN	NOT ACTIVE
23	MOLEX	34566-1803	12653575	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	9	1357	NATURAL	AVAILABLE
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25	MOLEX	34566-2003	12603599	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	9	2458	ST GRAY	AVAILABLE
26	MOLEX	34566-2103	12615657	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	9	2457	BLACK	NOT ACTIVE
27	MOLEX	34566-2203	AMJ29117	T.B.D	MX123 HRNS CONN ASSY 80 CKT	K	9	2357	BROWN	NOT ACTIVE
28	MOLEX	34566-2303	AMJ29136	T.B.D	MX123 HRNS CONN ASSY 80 CKT	L	9	2368	GREEN	NOT ACTIVE
29	MOLEX	34566-2403	AMJ29214	T.B.D	MX123 HRNS CONN ASSY 80 CKT	M	9	2358	NATURAL	NOT ACTIVE
30	MOLEX	34736-2002	12642697	01AU10	MX64 RCPT TERM Ag 18/20 GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
31	MOLEX	34736-2001	12642696	01AU10	MX64 RCPT TERM Ag 22 GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
32	MOLEX	34586-0001	T.B.D.	11JN04	MX123 0.64MM GROMMET PLUG	N/A	N/A	N/A	NATURAL	AVAILABLE
33	YAZAKI	7116-4150-02	12588066	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 20/22 GAGE (CABLE RANGE 0.30mm-0.60mm)	N/A	N/A	N/A	N/A	NOT ACTIVE
34	YAZAKI	7116-4151-02	12588067	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 16/18 GAGE (CABLE RANGE 0.75mm-1.40mm)	N/A	N/A	N/A	N/A	NOT ACTIVE
35	YAZAKI	7116-4152-02	12582685	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 14 GAGE (CABLE RANGE 1.50mm-2.50mm)	N/A	N/A	N/A	N/A	AVAILABLE
36	YAZAKI	7158-3111-60	12588068	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.20mm-1.90mm)	N/A	N/A	N/A	GREEN	NOT ACTIVE
37	YAZAKI	7158-3112-70	12588069	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.80mm-2.30mm)	N/A	N/A	N/A	YELLOW	NOT ACTIVE
38	YAZAKI	7158-3113-40	12582686	02JN03	2.8mm CABLE SEAL (wire O.D. range 2.18mm-3.00mm)	N/A	N/A	N/A	WHITE	AVAILABLE
39	YAZAKI	7158-3114-90	T.B.D	02JN03	2.8mm YESC CAVITY PLUG	N/A	N/A	N/A	BLUE	AVAILABLE
40	MOLEX	63811-4200	XX019825	02JN03	MX64 TERM HAND CRIMP TOOL	N/A	N/A	N/A	N/A	AVAILABLE
41	MOLEX	63813-1400	XX019826	02JN03	MX64 TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE
42	MOLEX	63865-8000	XX019827	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 18/20 GAGE PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
43	MOLEX	63865-8070	XX019828	02JN03	MX64 APPLICATOR TOOL KIT 18/20 GAGE	N/A	N/A	N/A	N/A	AVAILABLE
44	MOLEX	63865-8100	XX019829	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 22 GAGE PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
45	MOLEX	63865-8170	XX019830	02JN03	MX64 APPLICATOR TOOL KIT 22 GAGE	N/A	N/A	N/A	N/A	AVAILABLE
46	SPX	J35616-64	T.B.D.	02JN03	0.64mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
47	SPX	J35616-64A	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
48	SPX	J35616-65	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for pin)	N/A	N/A	N/A	N/A	AVAILABLE
49	SPX	J35616-4A	T.B.D.	02JN03	2.8mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
50	YAZAKI	X39899-J374	12094430	02JN03	2.8mm TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE

002B

\* - MX123 DRESS COVER 73/80/66 CKT MATES TO ANY MX123 HARN CONN ASSY SHOWN ON TABLE ABOVE



PAGE TITLE  
COMPONENT TABLE

DRAWING NUMBER  
12642695

DWG STATUS			PAGE NUMBER
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R	002		

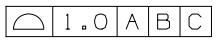
5 OF 21

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL FOR INTERFACE:

- A. RESIN:
  - 1. 30% G.F. PBT; 20% MAX. (BY WEIGHT) REGRIND.
  - 2. MATING CONNECTOR INTERFACE PART COLOR MUST BE SAME AS MATCHING KEYED HARNESS CONNECTOR ASSEMBLY.
  - 3. MUST BE VALIDATED FOR INDIVIDUAL DEVICE APPLICATION REQUIREMENTS.
- B. 0.64MM PINS:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 635 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: SILVER (Ag). PLATING TO BE 1.9-3.3 μm ELECTRODEPOSITED SEMI-BRIGHT SILVER OVER 1.25-2.25 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
  - 3. ANTI-TARNISH: SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH OR EQUIVALENT APPLIED WITHOUT VOID TO CONTACT AREA (MIN 3.7mm FROM PIN TIP).
- C. 2.8MM BLADE:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 350 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: TIN. PLATING TO BE 2.5-5.0 μm ELECTRODEPOSITED TIN, MATTE FINISH OVER 1.25-2.5 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
- D. PLATING REQUIREMENTS:
  - 1. SILVER PLATING
    - a. 99.5% PURE SEMI-BRIGHT WITH NO ORGANIC BRIGHTNERS OR CHROMATES.
  - 2. NICKEL PLATING
    - a. ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL WITH A NON-BRIGHTENED FINISH. NO ORGANIC OR BRIGHTENING AGENTS SHALL BE ALLOWED.
    - b. SHALL ONLY BE USED AS AN UNDERLYING PLATING AND MAY NOT BE USED AS AN ELECTRICAL CONTACT SURFACE PLATING.
    - c. SHALL BE NODULE FREE WHEN VIEWED AT 10X MAGNIFICATION IN MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA.
    - d. ALL PLATINGS SHALL HAVE A 1.0% MAXIMUM BY WEIGHT IMPURITIES. IMPURITIES ARE DEFINED AS ALL ELEMENTS NOT THE PRIMARY PLATING OR HARDENING AGENT IF APPLICABLE, AS DETERMINED BY WET CHEMICAL ANALYSIS OR AUGER METHOD. NO SINGLE IMPURITY SHALL EXCEED 0.1% MAXIMUM BY WEIGHT.
  - 3. TESTING
    - a. THICKNESS TO BE MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA AS DESIGNATED IN THE DRAWING. THICKNESS SHALL BE DETERMINED BY METHOD OF X-RAY (XRF).
    - b. PLATING ADHESION SHALL BE TESTED BY A BEND TEST FOR ALL METALS. THE TEST SAMPLE SHALL BE BENT 90 DEGREES TO DETERMINE DEPOSIT ADHESION. TESTING SHALL BE COMPLETED IN ACCORDANCE WITH ASTM SPEC B571.


2. DESIGN - GENERAL:

- A. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- B. TOLERANCES:
  - 1. LINEAR
    - 0.X ± 0.30
    - 0.XX ± 0.10
    - 0.XXX ± 0.10
  - 2. ANGULAR X° ± 3°
  - 3. 
- C. MINIMUM WALL THICKNESS REQUIRED: 1.3mm.
- D. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- E. LETTERING SHALL BE 0.15 MAX RAISED IN 0.20 MAX RECESS PAD. THIS INCLUDES MATERIAL CODE, RECYCLING CODE, CAVITY ID AND DATE CODE.
- F-1. PARTS MUST BE FREE OF DISCOLORATION, SALT RESIDUE AND OTHER IMPERFECTIONS THAT AFFECT FIT OR FUNCTION.
- F-2. SCRATCHES OR DENTS NOT TO EXCEED 0.013mm IN DEPTH.
- G. FOLLOWING PRODUCTION CODES TO BE PERMANENTLY MARKED & HUMAN READABLE TO A LETTER HEIGHT OF 1.5 ± 0.5MM X 0.3 MAX DEEP
  - 1. MATERIAL #: XXXXX-XXXX
  - 2. DATE CODE: JJYY (JULIAN DAY, LAST DIGIT OF YEAR)
  - 3. INSPECTION MACHINE CODE + SERIAL #: X\_XXXXX

3. DESIGN - MANUFACTURING:

- A. DRAFT TO BE WITHIN TOLERANCE.
- B. ALLOWABLE FLASH MAX 0.2 HIGH X MAX 0.13 THICK.
- C. ALLOWABLE PARTING LINE MISMATCH 0.2 MAX.
- D. EJECTOR PINS MARK TO BE FLUSH TO 0.25 MAX DEPRESSED.
- E. ALLOWABLE GATE VESTIGE FLUSH TO 0.25 MAX PROTRUSION.
- F. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.
- G. STEEL THAT FORMS THE INDICATED SURFACE MUST BE POLISHED WITH A DIAMOND FINISH (SPI A-2) OVER THE FULL PERIPHERY OF THE TOOL. SURFACE MUST HAVE NO MISMATCH.
- H. ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE IT'S ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1008 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
- J. OPTIONAL FEATURES PROVIDED FOR AUTOMATION.
- K. PART MUST BE FREE FROM BURRS AND SHARP EDGES, WHICH MIGHT BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, SAFE HANDLING OR FUNCTION OF PART.
- L. PARTS AS DELIVERED TO ASSEMBLY SHALL BE CLEAN AND FREE OF DEBRIS, RESIDUAL ABRASIVE MATERIAL AND CORROSION PRODUCTS ADVERESLY AFFECTING FUNCTION OR APPEARANCE.
- M. RESTRICTED AND REPORTABLE SUBSTANCES FOR PARTS PER GMW3059.

002C

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NOTES: UNLESS OTHERWISE SPECIFIED

4. SYSTEM REQUIREMENTS:

A. HARNESS CONNECTOR IS COMPATIBLE WITH THE FOLLOWING SAE WIRE SIZE NO'S:

- 14, MEETING SAE J1128
- 18, MEETING SAE J1128, MAX O.D. OF 2.06 MM
- 20, MEETING SAE J1128
- 22, MEETING SAE J1128, MIN O.D. OF 1.47 MM

B. CABLE TIE SPECIFICATIONS:

- 1. CABLE TIE:
  - TENSILE RATING: 220N / (50lbs) MIN
  - TIE LENGTH: 186mm MIN
  - TIE WIDTH: 4.75mm MAX
  - MATERIAL: NYLON
- 2. INSTALLATION:
  - CABLE TIE TENSION: 190N MIN
- 3. DRESSED WIRE BUNDLE PACKAGING: SEE FIG. 1

C. WHEN MATED WITH COMPONENT CONNECTOR INTERFACE AND/OR DRESS COVER, HARNESS CONNECTOR SYSTEM CONFORMS TO THE FOLLOWING:

- 1. SAE/USCAR-2, REV: 3 APRIL, 2001; CLASS 3
- 2. FIELD CORRELATED LIFE TEST, SAE/USCAR-20, NOV. 2001
- 3. GMW #3191 AUGUST 22, 2000 (DRAFT); TEMPERATURE CLASS 3, SEALING CLASS 1, VIBRATION CLASS 2
- 4. RESTRICTED AND REPORTABLE CHEMICALS PER GMW #3059, REV: D AUGUST 2002
- 5. TPA USER FORCES (FULLY POPULATED WITH TERMINALS)
  - a. REMOVAL FROM LOCK TO PRE-SET: <=120N

D. WIRE SPECIFICATIONS:

- 1. WIRE SURFACE MUST BE FREE OF SCRATCHES, GROOVES OR DENTS WHERE FUNCTIONAL

5. TERMINAL CURRENT RATINGS:

ALL TESTING DONE IN ACCORDANCE WITH USCAR-2 REV5 SECTION 5.3

A. MX64 RCPT TERM

- 1. MX64 RCPT TERM Ag 18/20 GAGE CRIMPED TO SAE WIRE SIZE NO.18 AND MATED TO MX123 0.64MM PIN: 11.3 AMPS
- 2. MX64 RCPT TERM Ag 22 GAGE CRIMPED TO SAE WIRE SIZE NO.22 AND MATED TO MX123 0.64MM PIN:8.5 AMPS

WIRE	CURRENT RATING			
	23°C	85°C	105°C	125°C
18AWG	11.3A	11.3A	9.5A	6.6A
20AWG	10.0A	10.0A	8.3A	5.7A
22AWG	8.6A	8.6A	7.1A	5.0A

B. 2.8MM RCPT TERM

- 1. 2.8MM RCPT TERM TIN 14 GAGE CRIMPED TO SAE WIRE SIZE NO.14 AND MATED TO MX123 2.8MM BLADE: 25.6 AMPS

6. CONTACT MOLEX AUTOMOTIVE FOR AVAILABLE CUSTOM PATTERNS OF CAVITIES OPEN FOR CIRCUITS



PAGE TITLE  
NOTES

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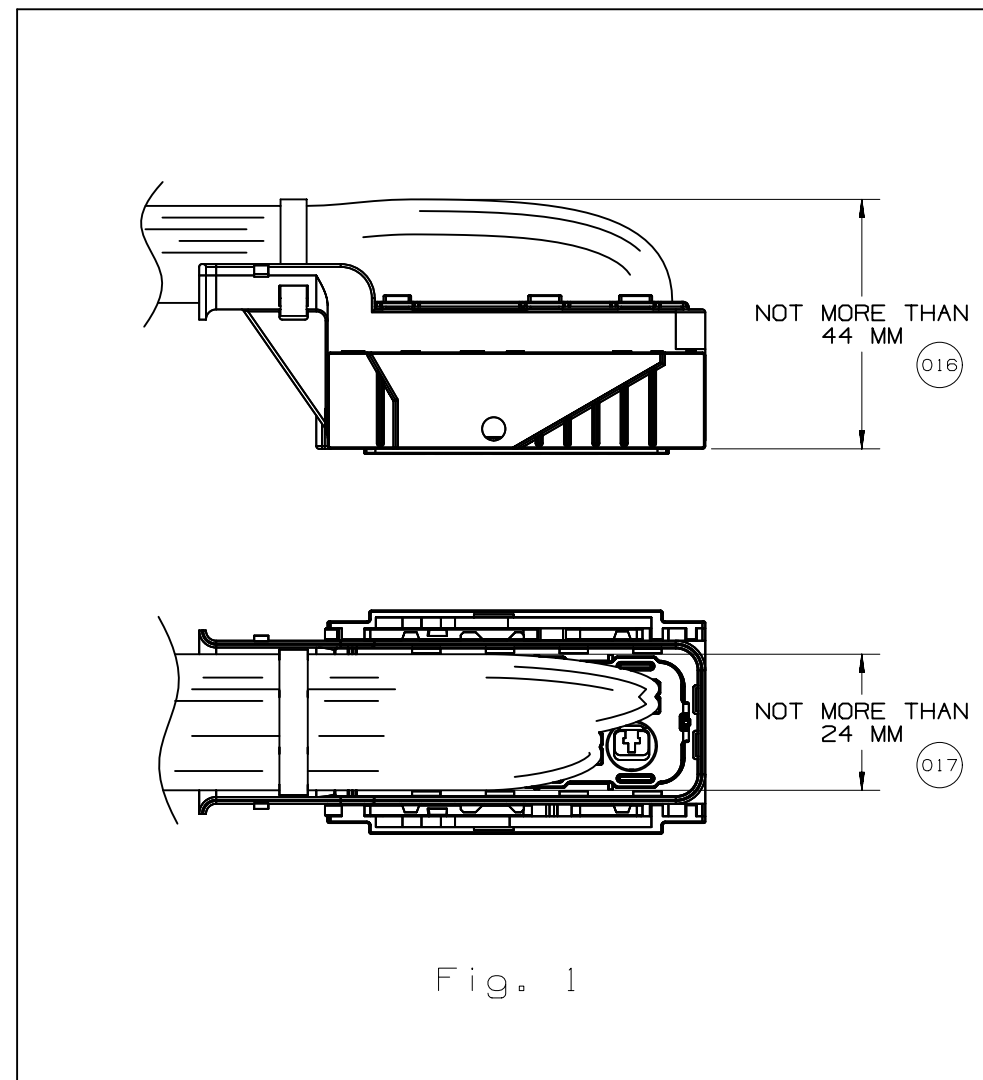
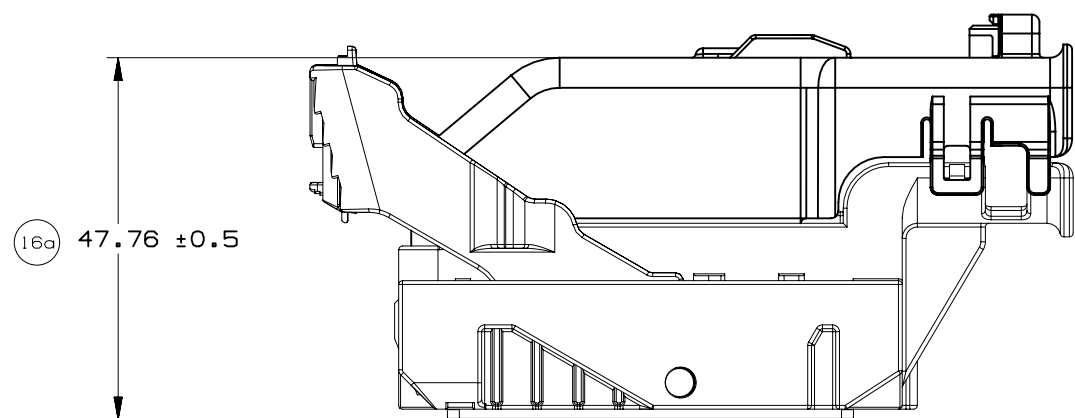
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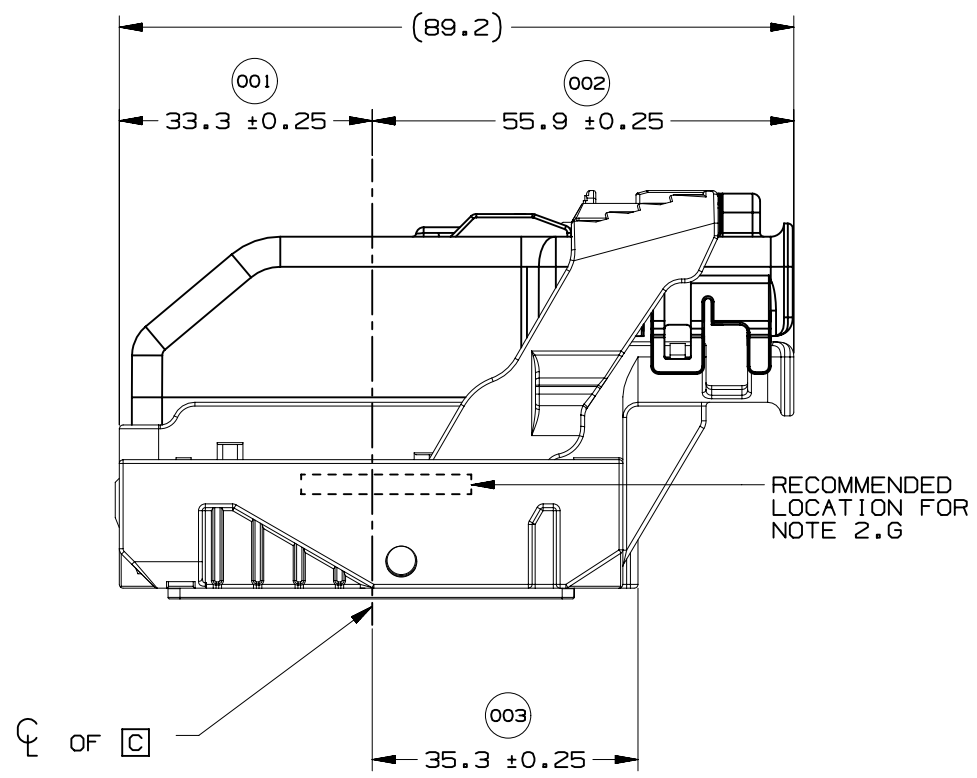
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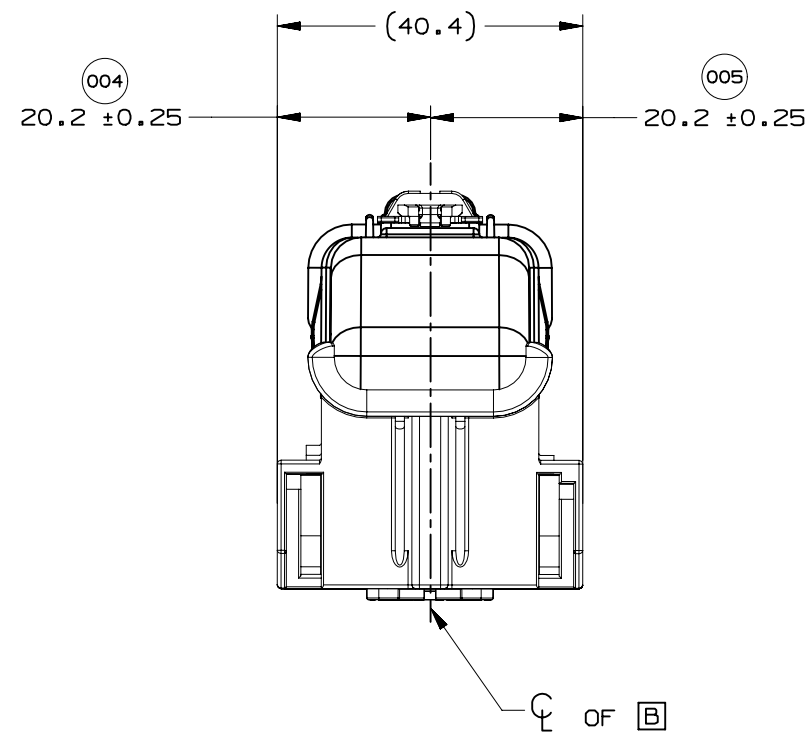
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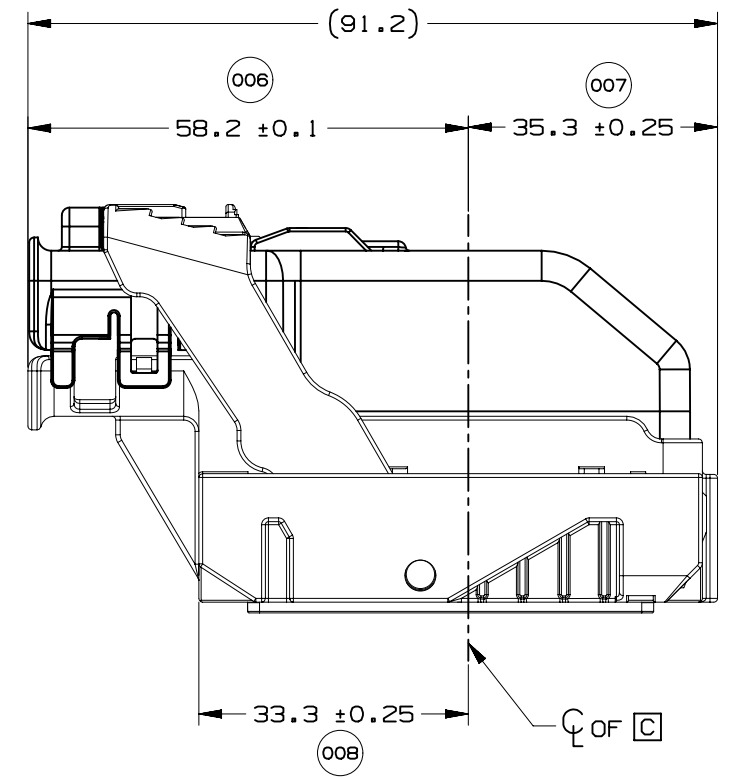




WIRE DRESS OPTION 0 SHOWN

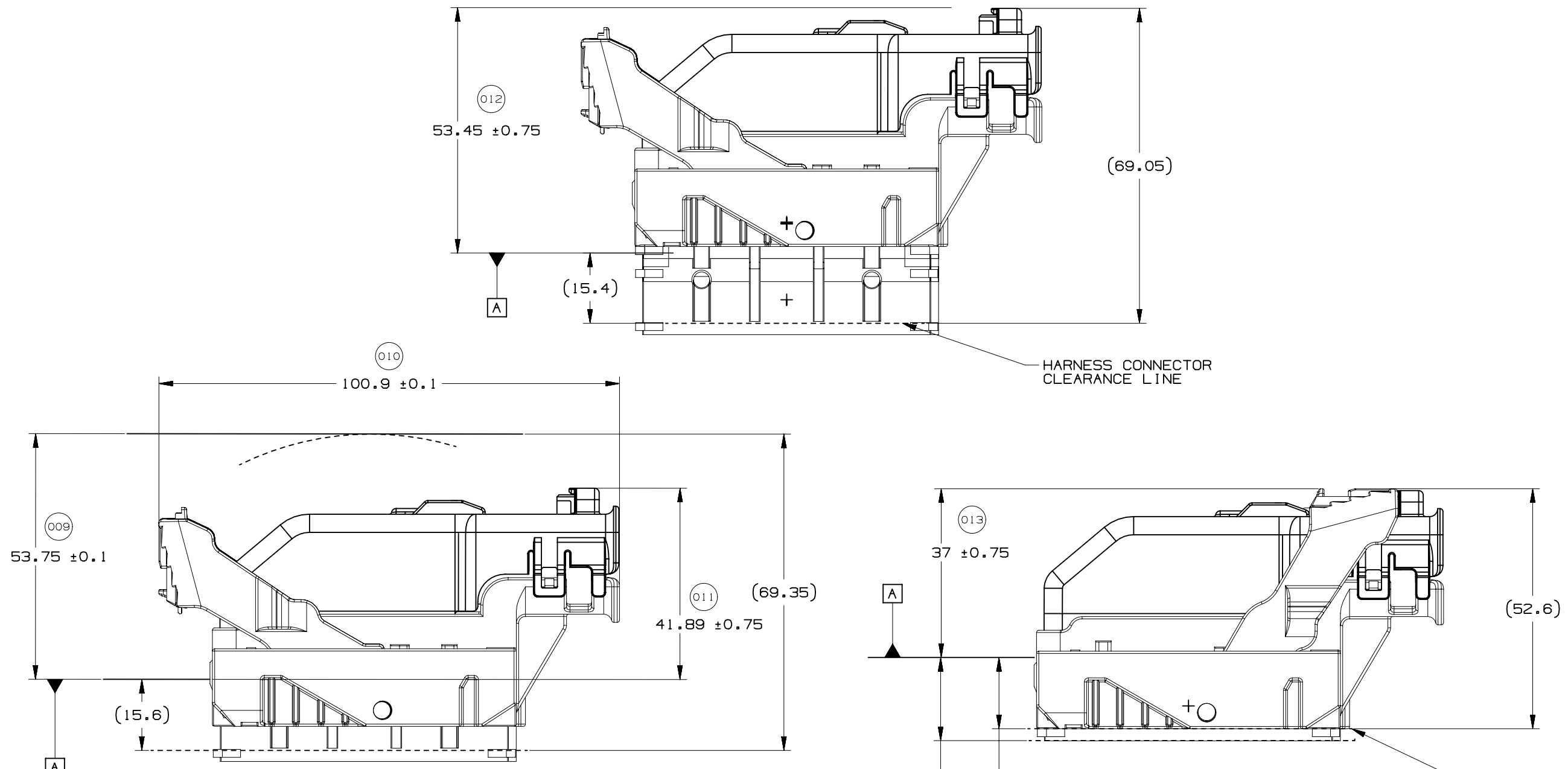


WIRE DRESS OPTION 0 SHOWN



WIRE DRESS OPTION 9 SHOWN





HARNESS CONNECTOR CLEARANCE LINE

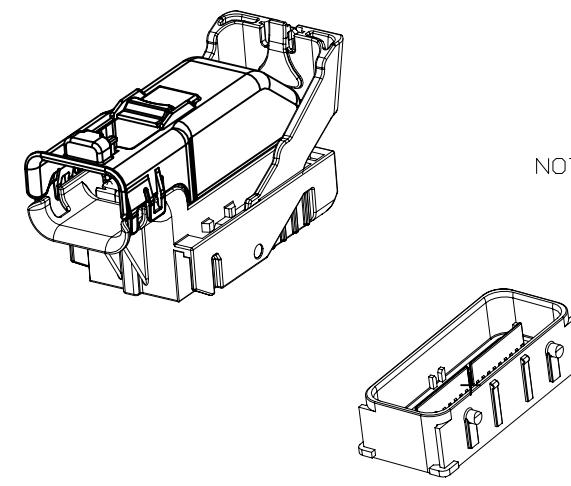
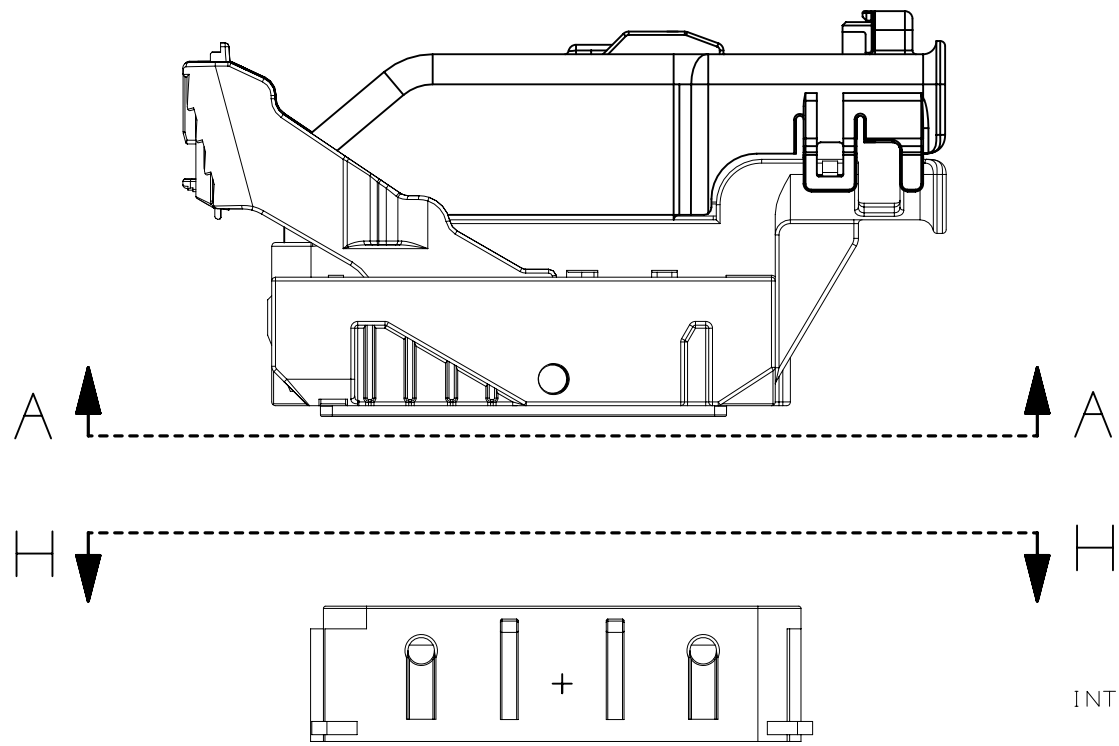
HARNESS CONNECTOR ASSEMBLY IN FULLY-MATED POSITION

HARNESS CONNECTOR CLEARANCE LINE

15.6 MIN. ALL AROUND CLEARANCE REQUIRED FOR HARNESS CONNECTOR (014)

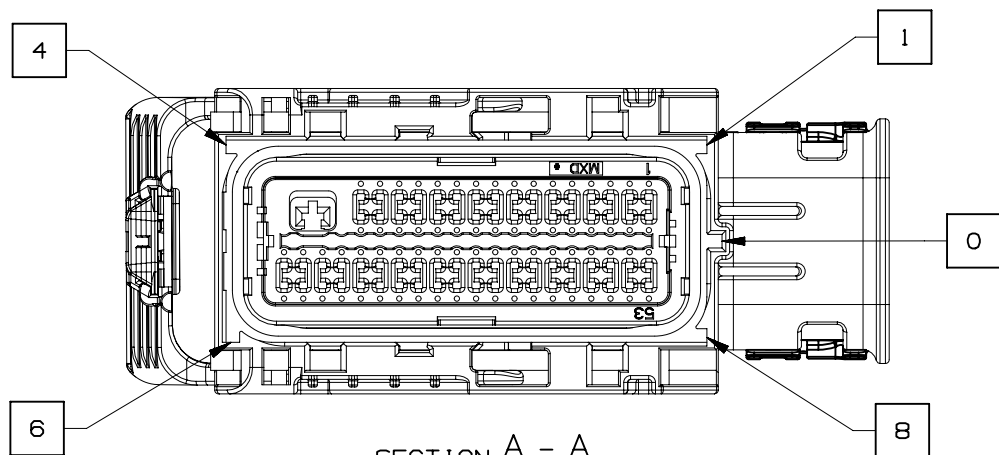
17.9 MIN. AT PAD LOCATION CLEARANCE REQUIRED FOR HARNESS CONNECTOR CONSTRUCTION BELOW THIS PLANE IS NOT CONTROLLED (015)

	PAGE TITLE LOCATION AND PACKAGING DIMENSIONS REFERENCING INTERFACE DATUM A	DRAWING NUMBER  12642695	DWG STATUS			PAGE NUMBER	
			ST	REV	PD1	10	OF 21
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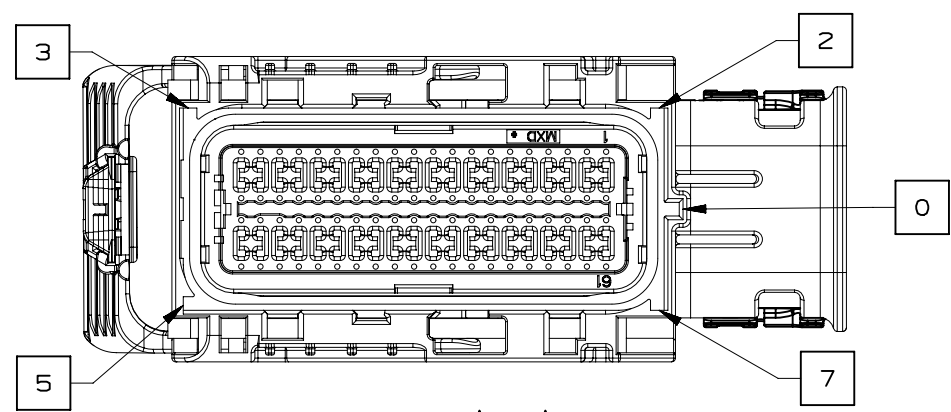


NOTE: REFERENCE THE COMPONENT TABLE FOR KEY OPTIONS AND CONFIGURATIONS

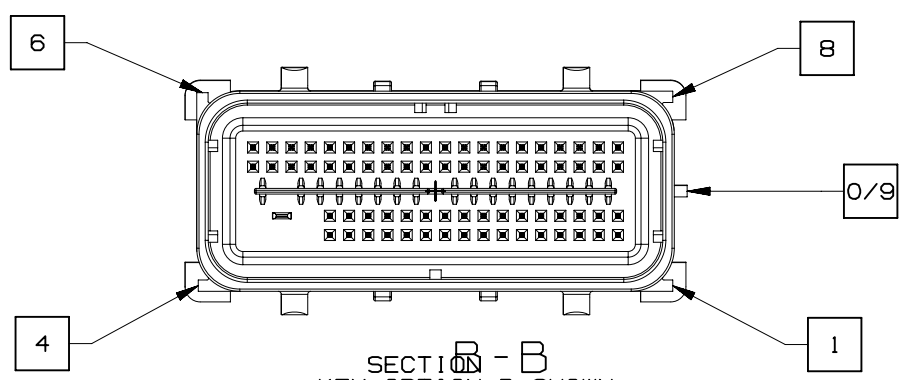
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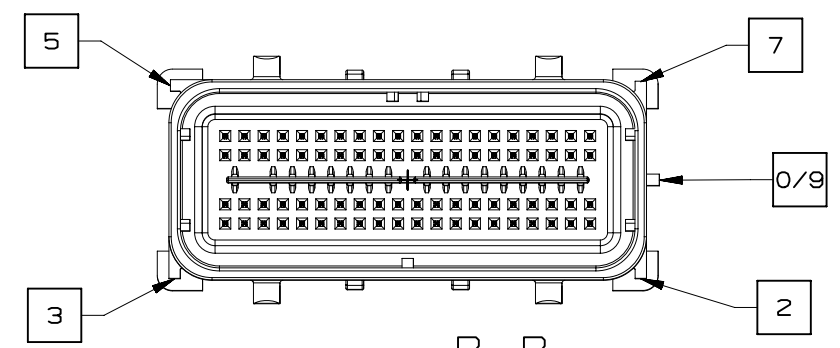
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SECTION A - A  
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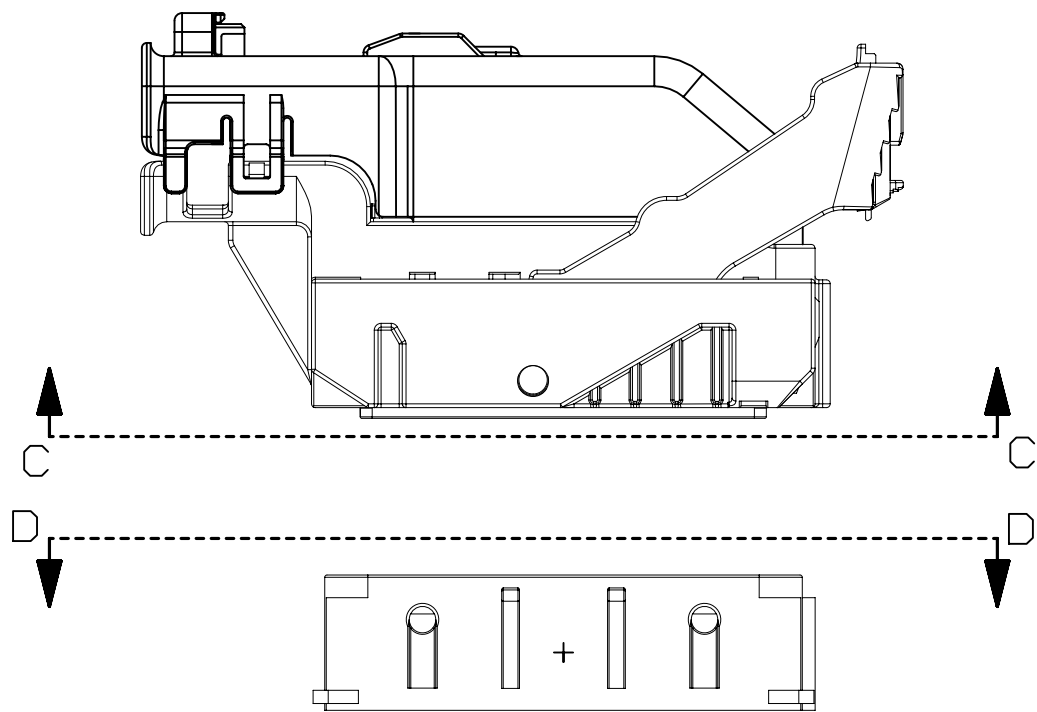
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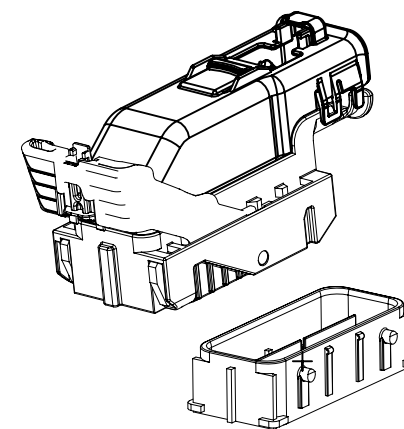
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				R	002			



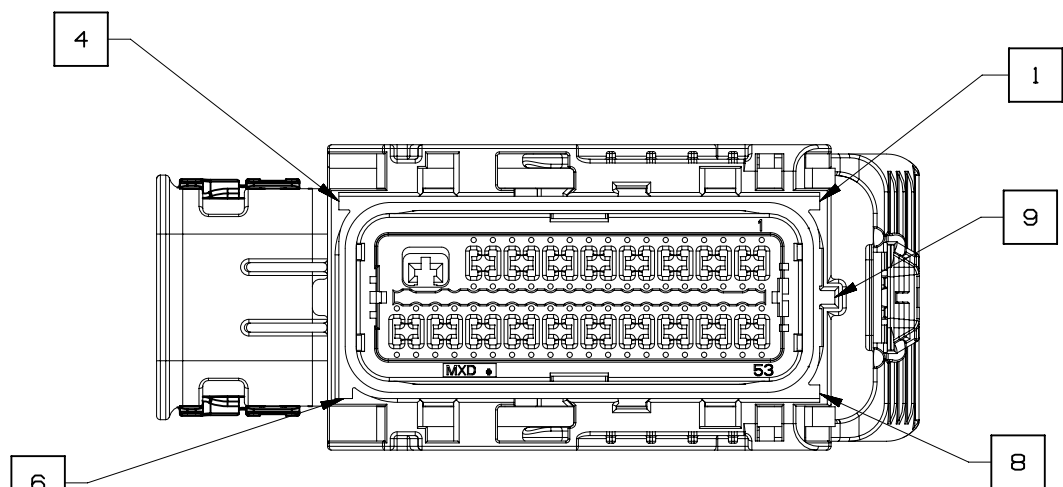


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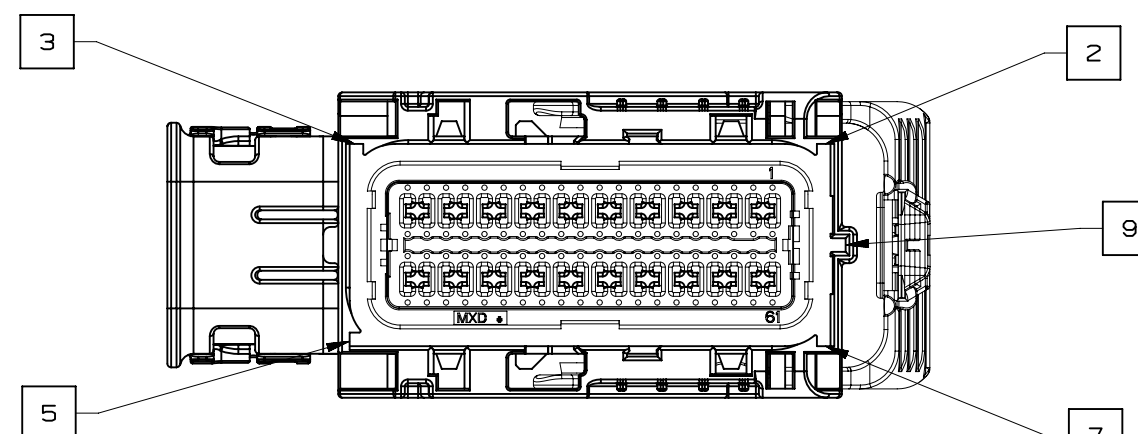


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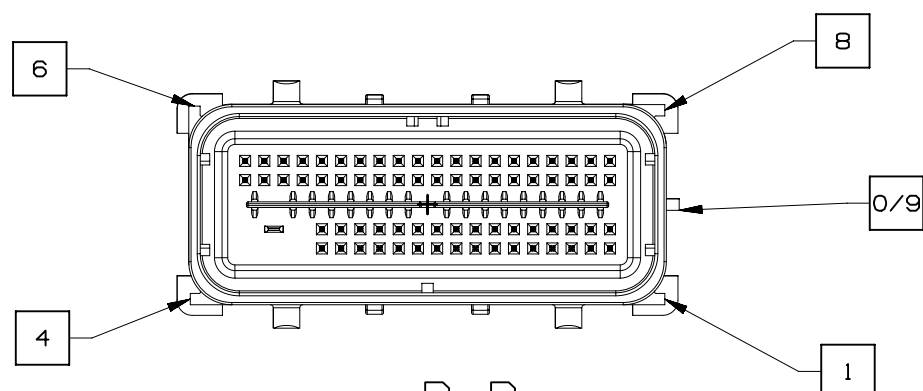
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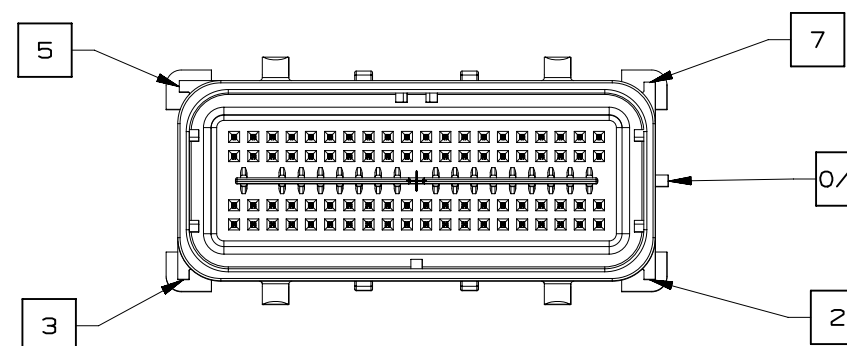
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SECTION C-C  
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SECTION D-D  
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SECTION D-D  
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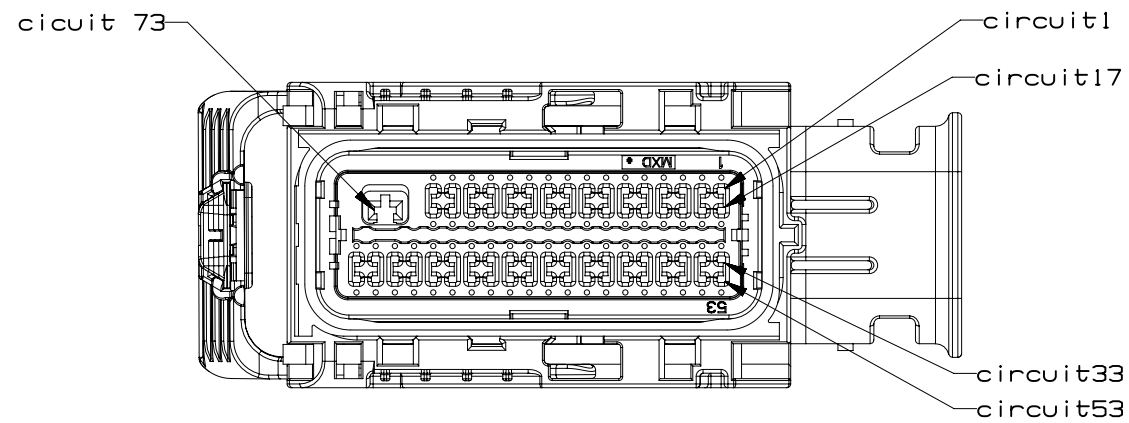


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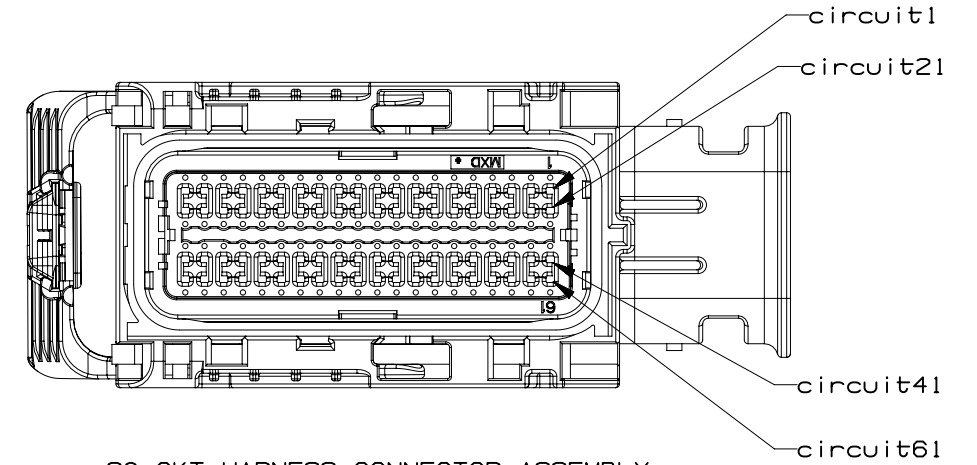
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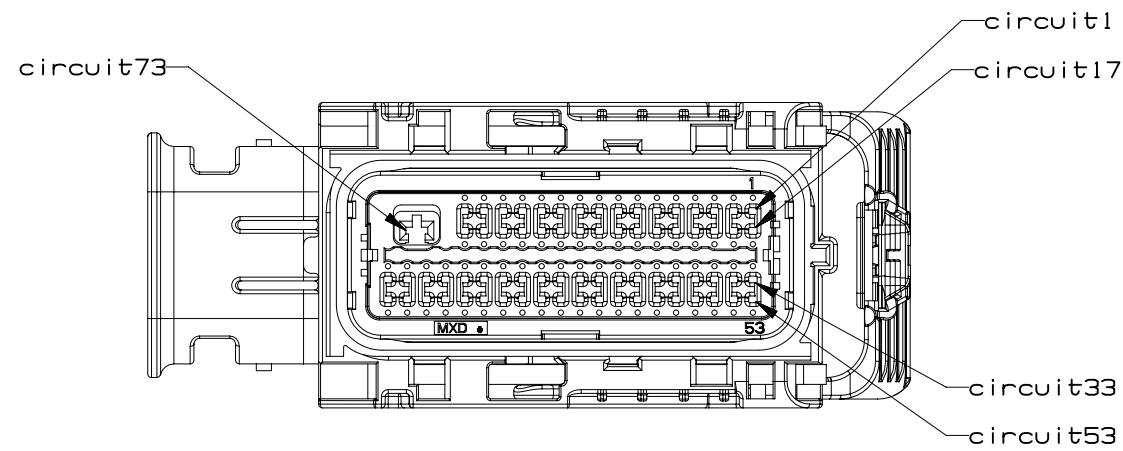


73 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 0

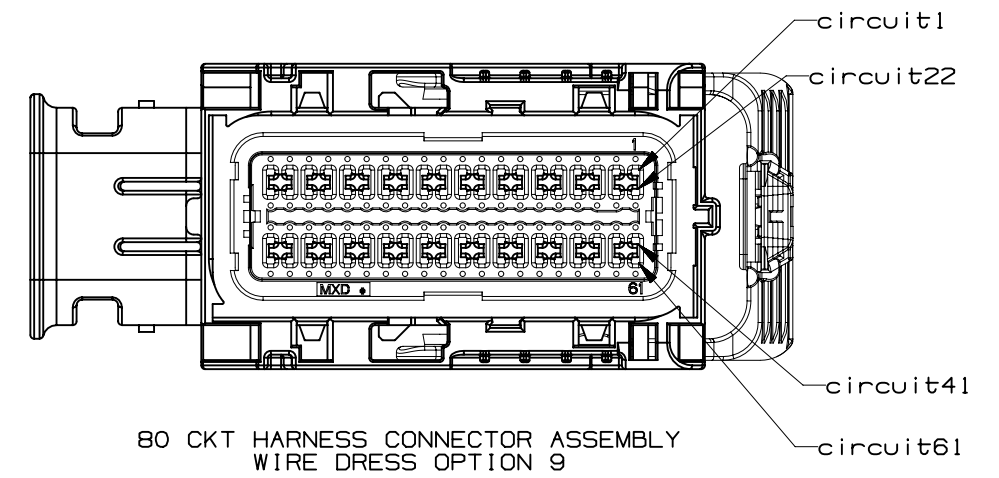


80 CKT HARNESS CONNECTOR ASSEMBLY  
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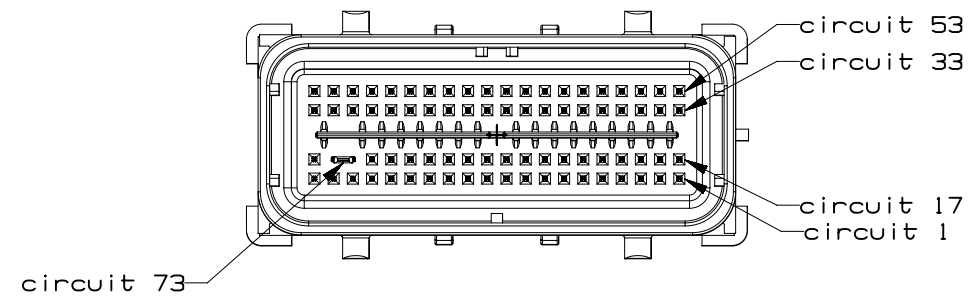
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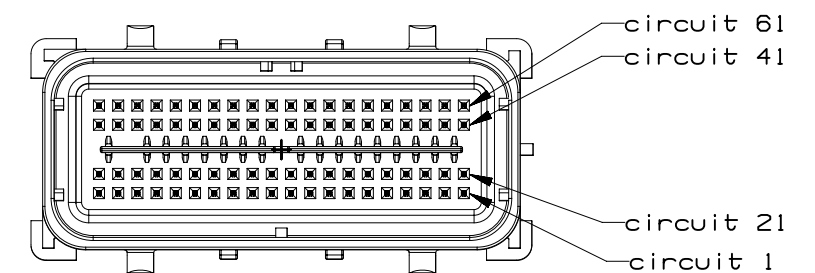
73 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9



80 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9

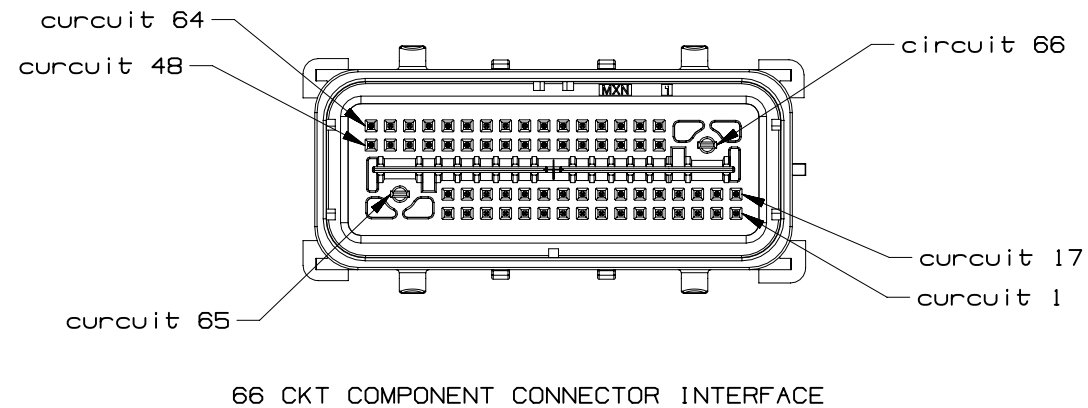
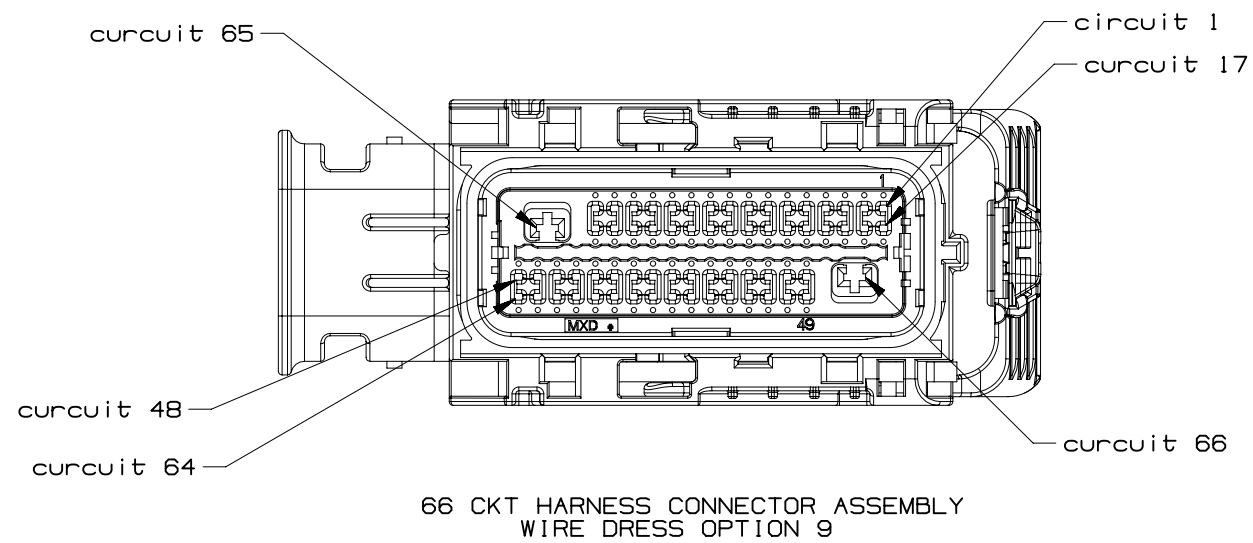
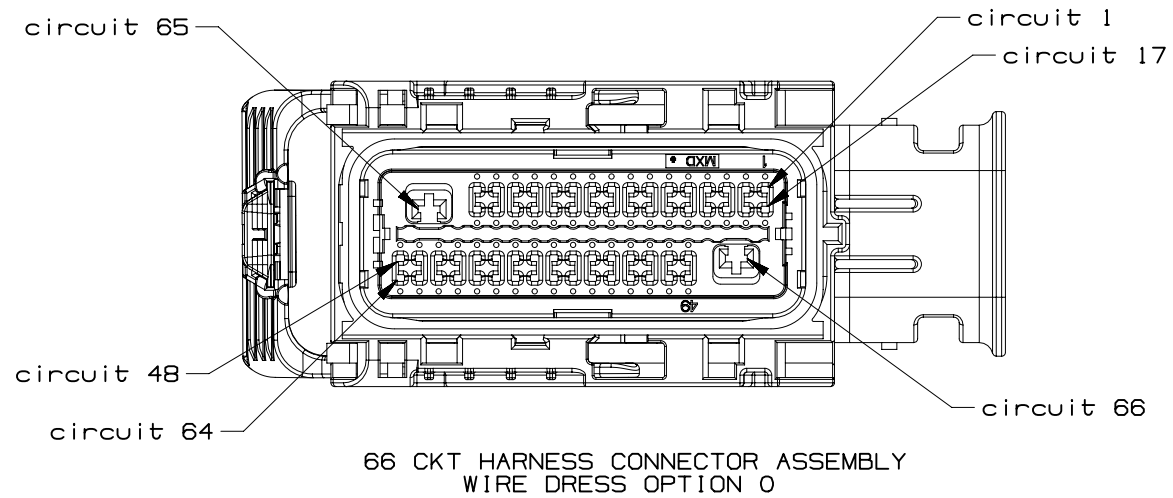


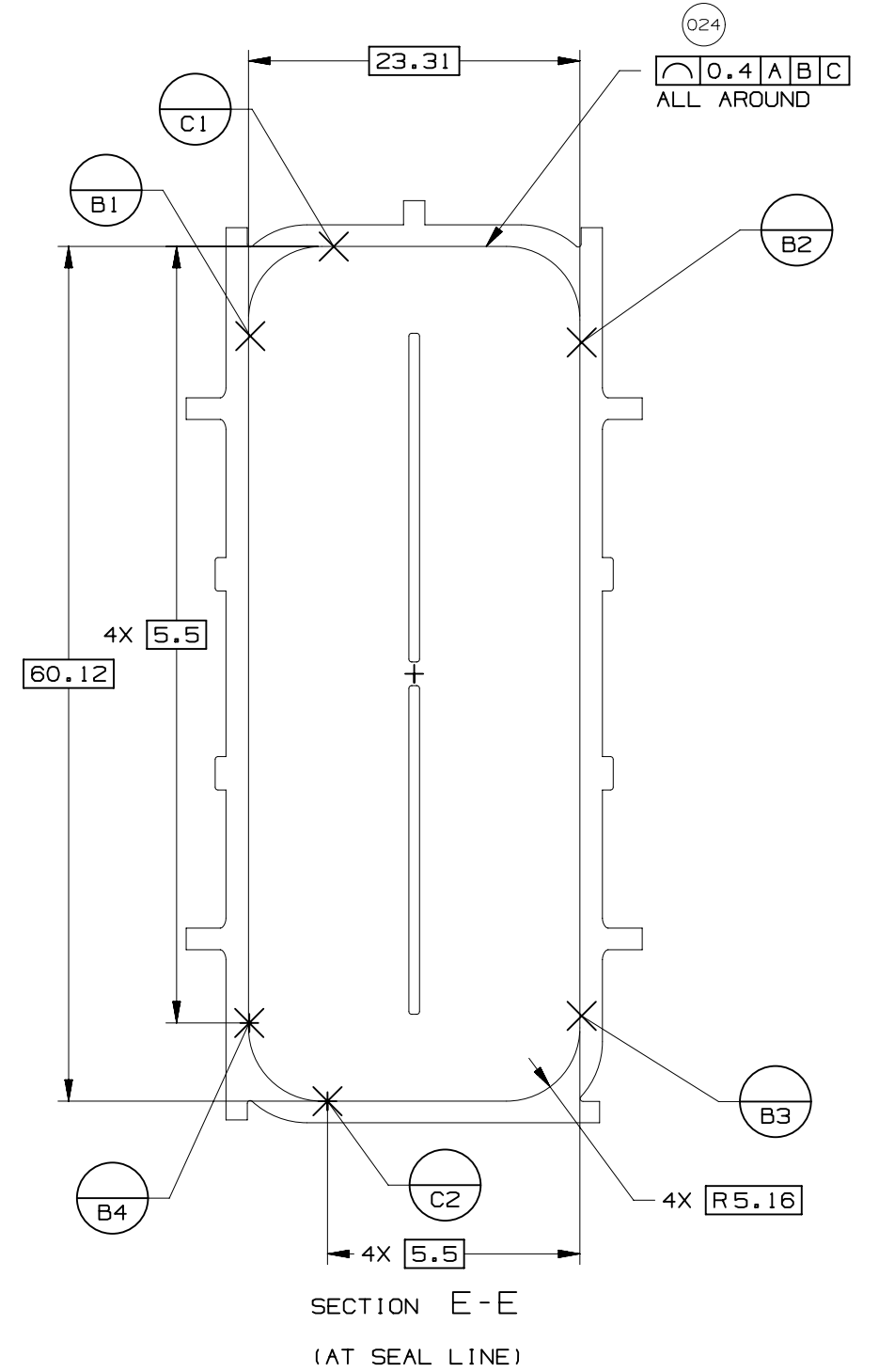
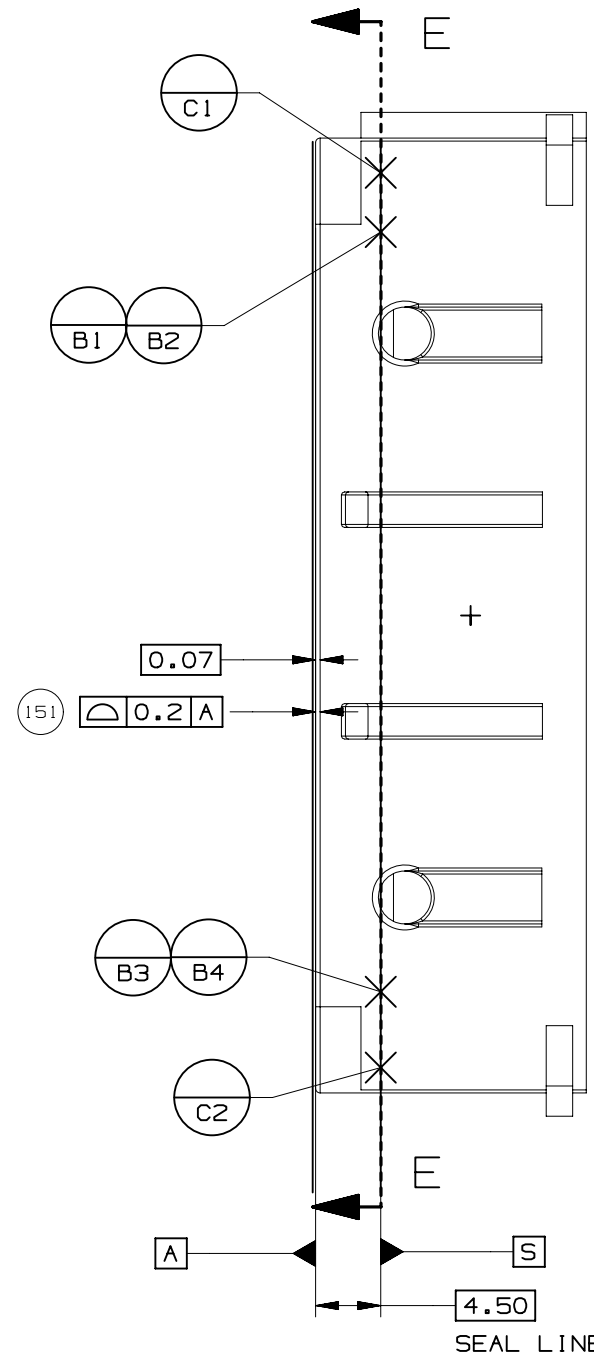
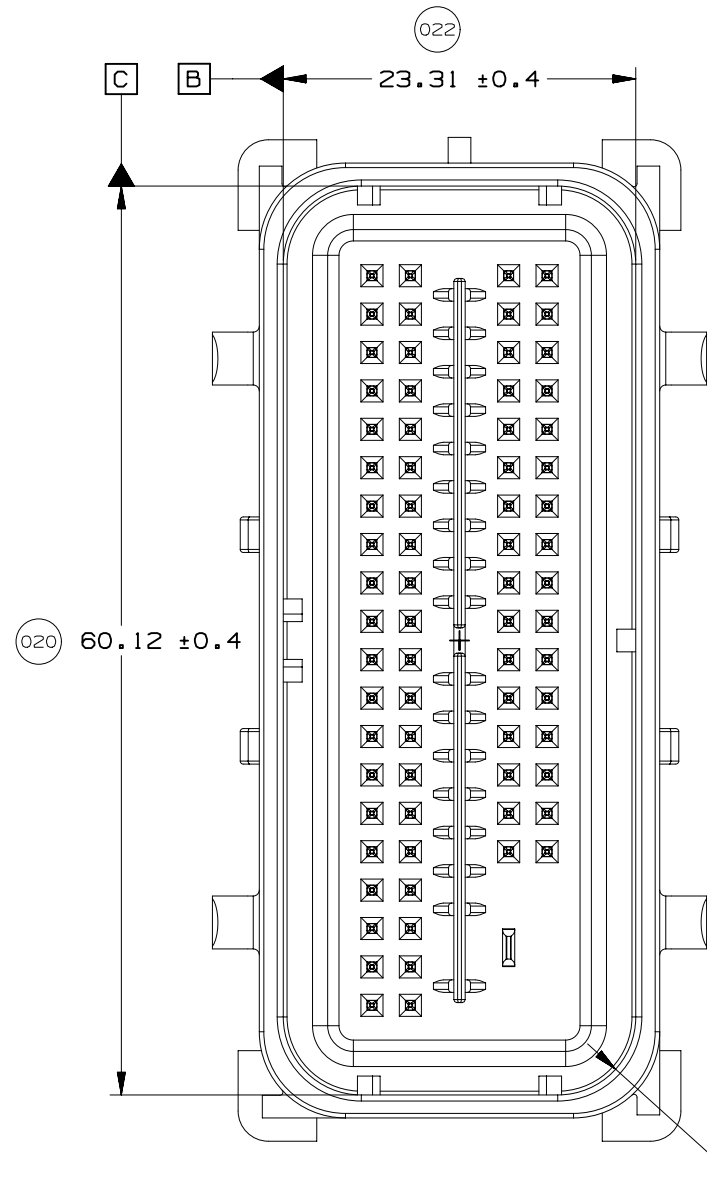
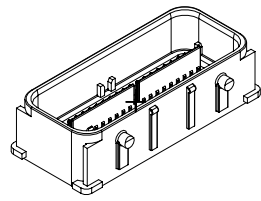
73 CKT COMPONENT CONNECTOR INTERFACE



80 CKT COMPONENT CONNECTOR INTERFACE







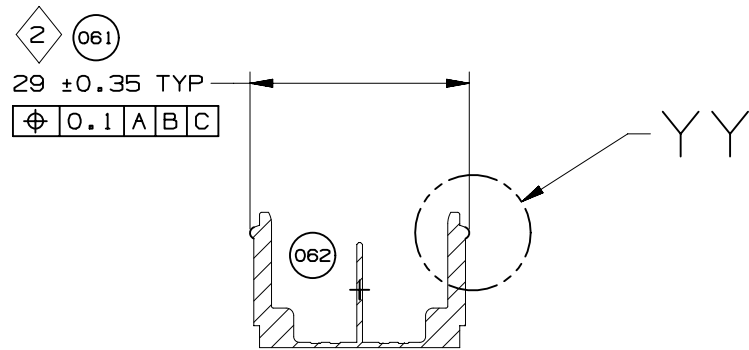
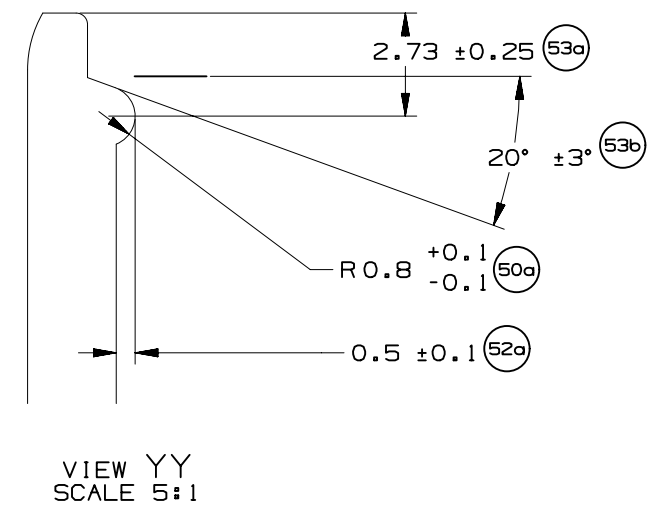
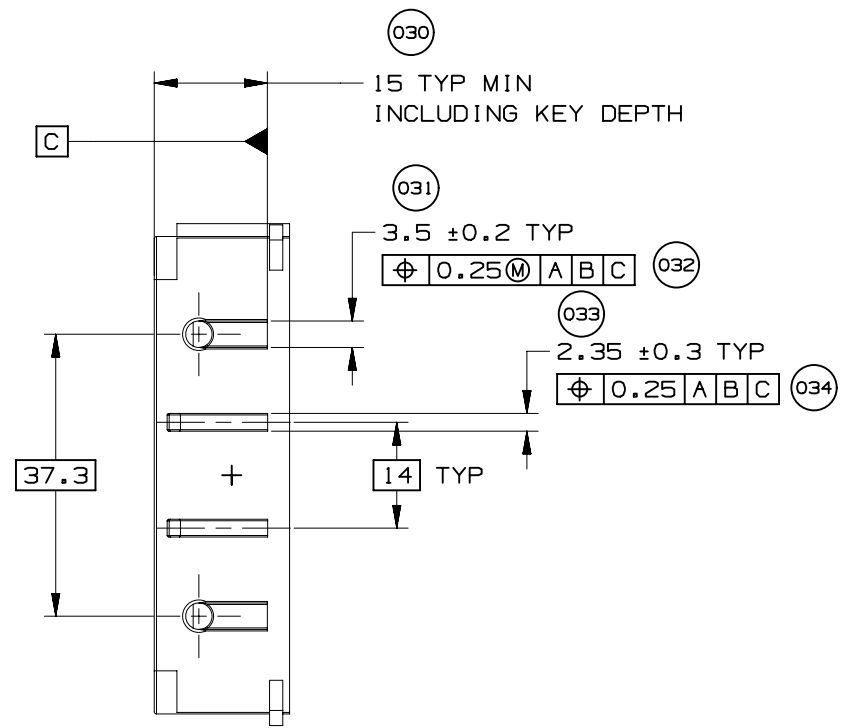
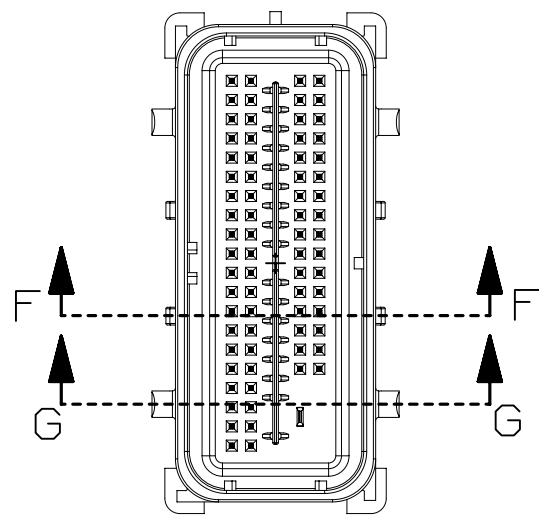
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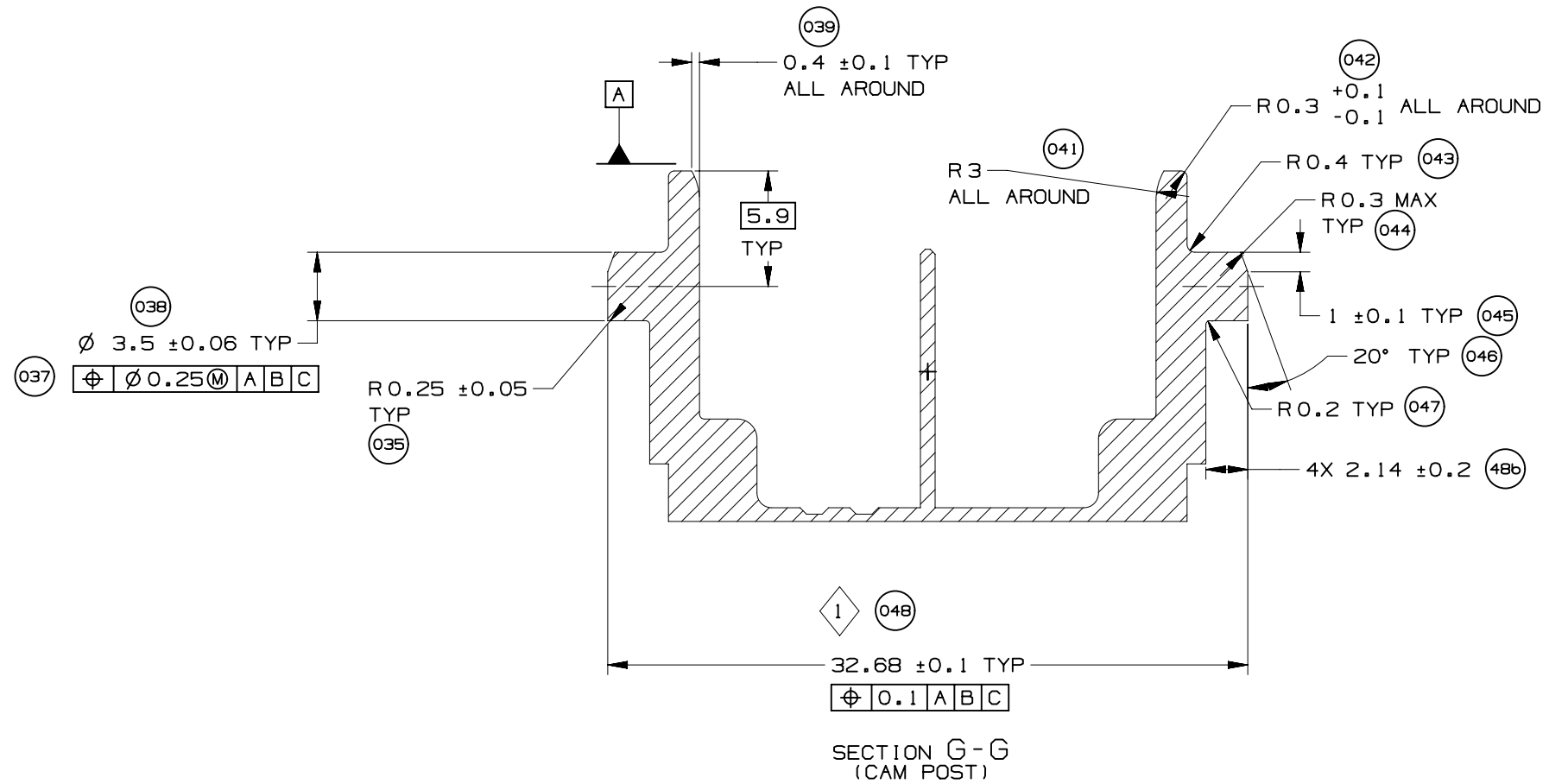
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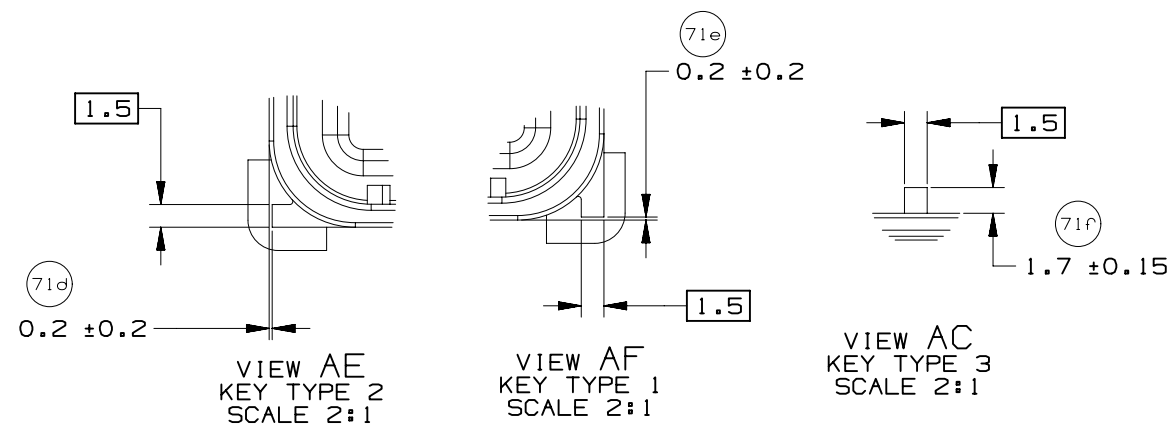
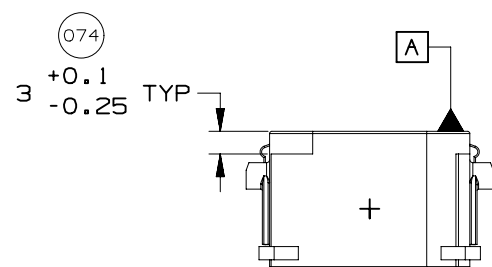
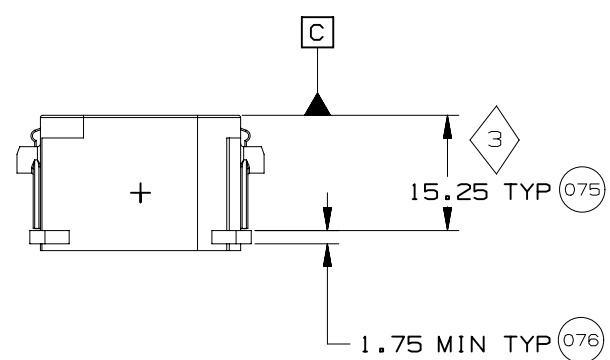
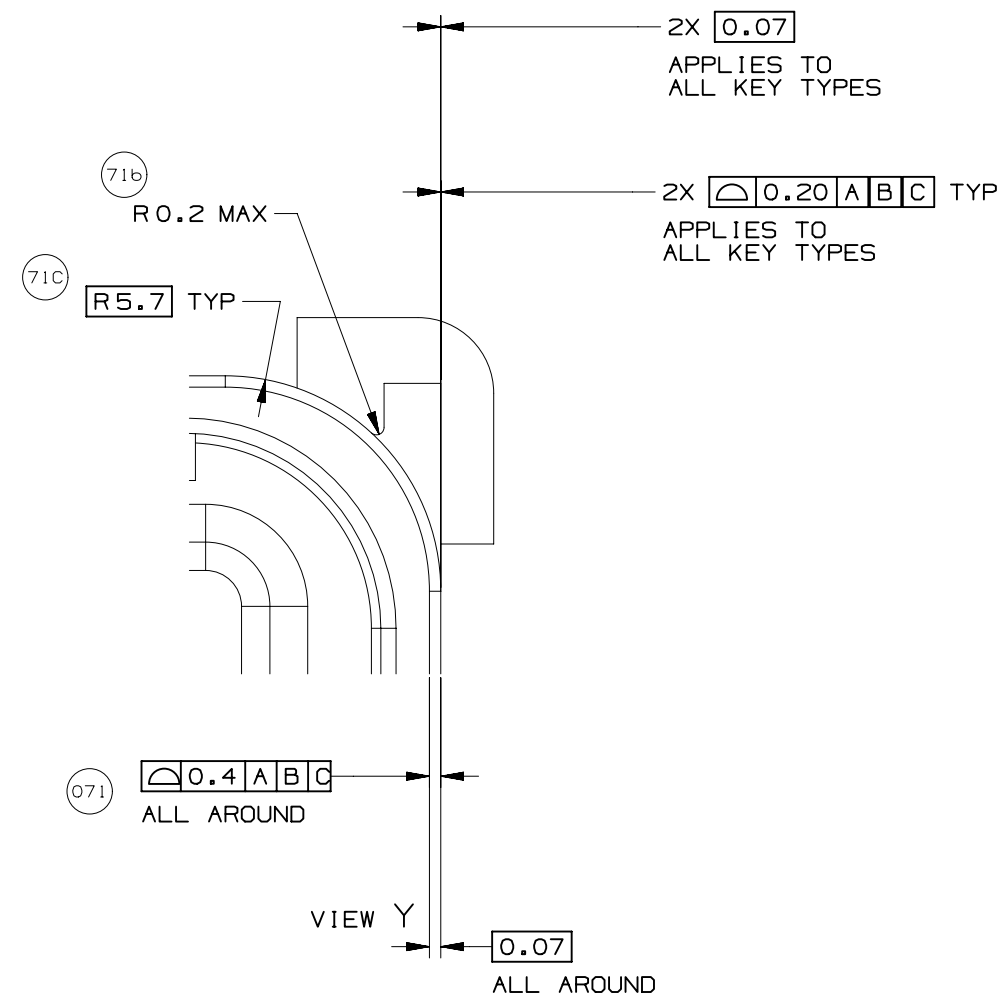
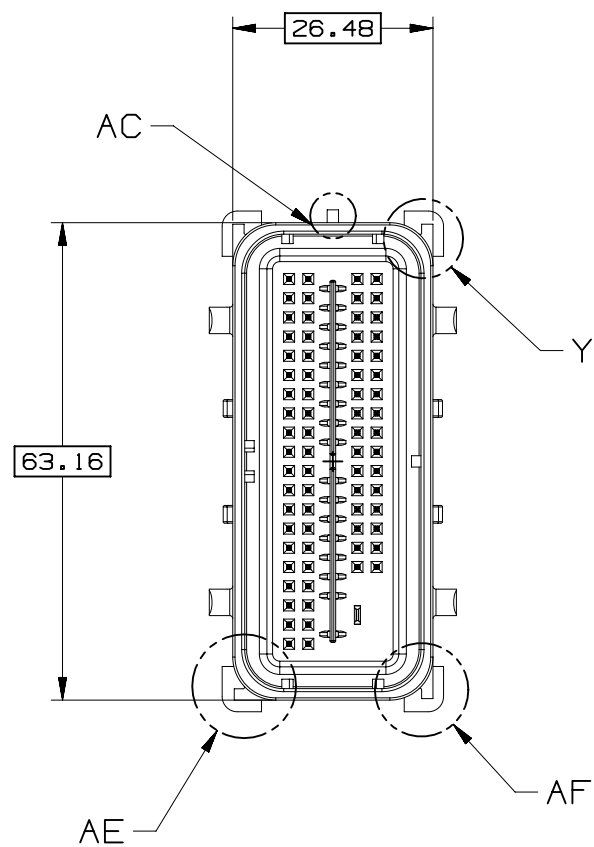
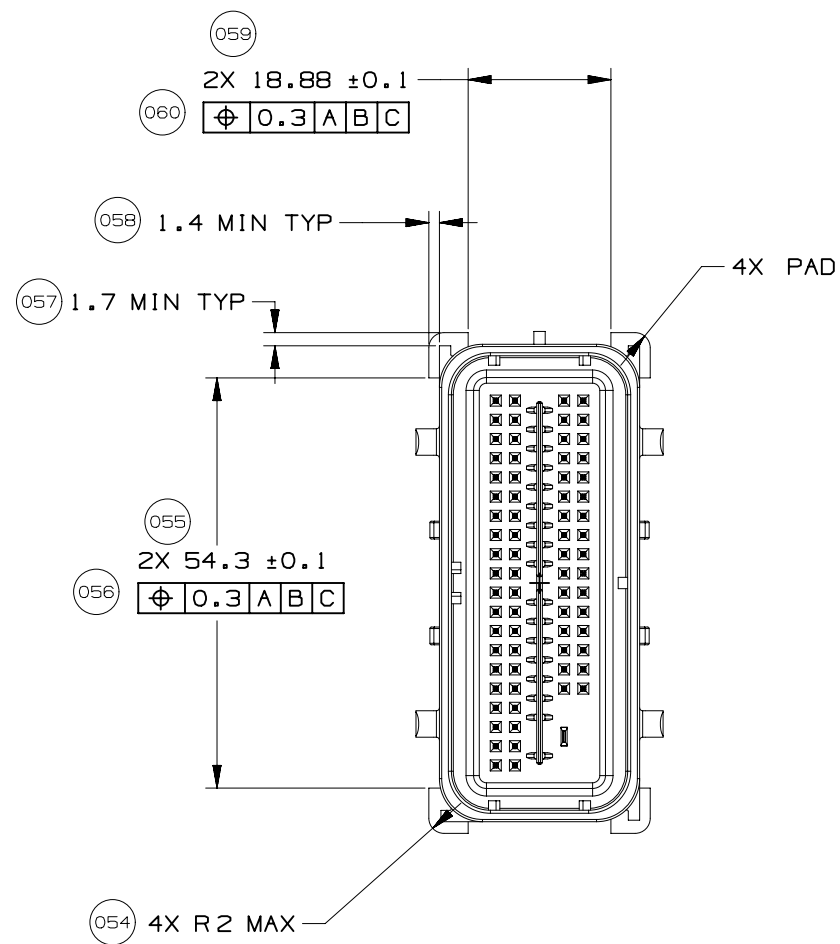
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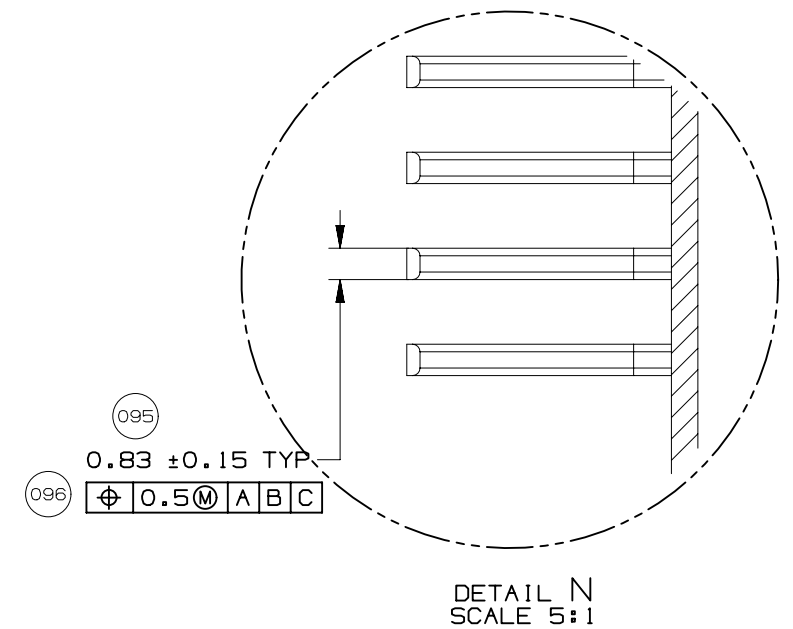
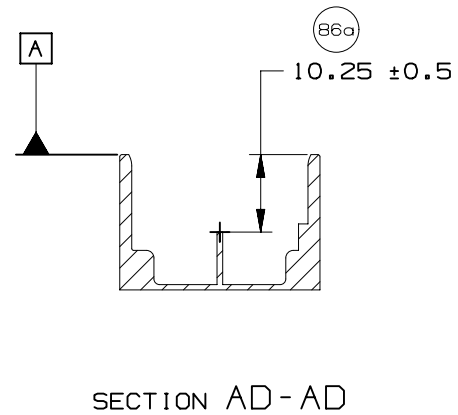
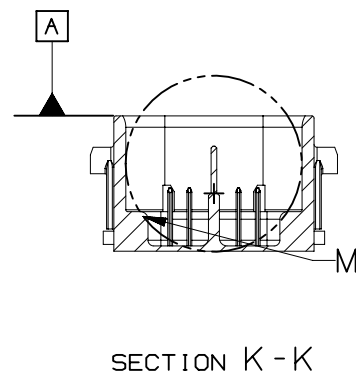
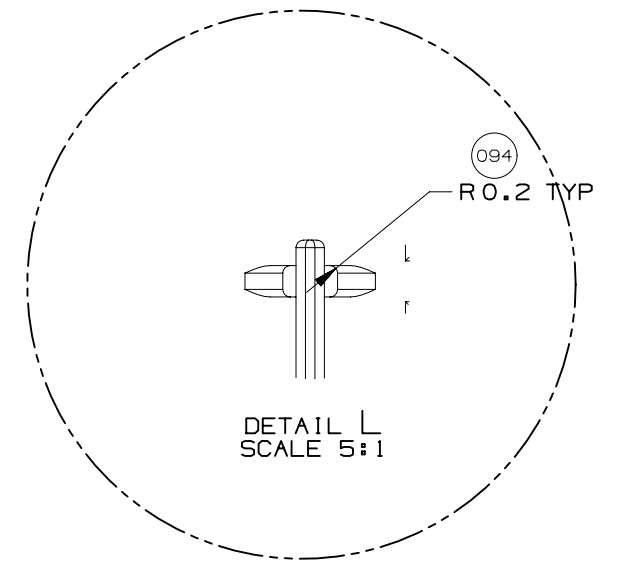
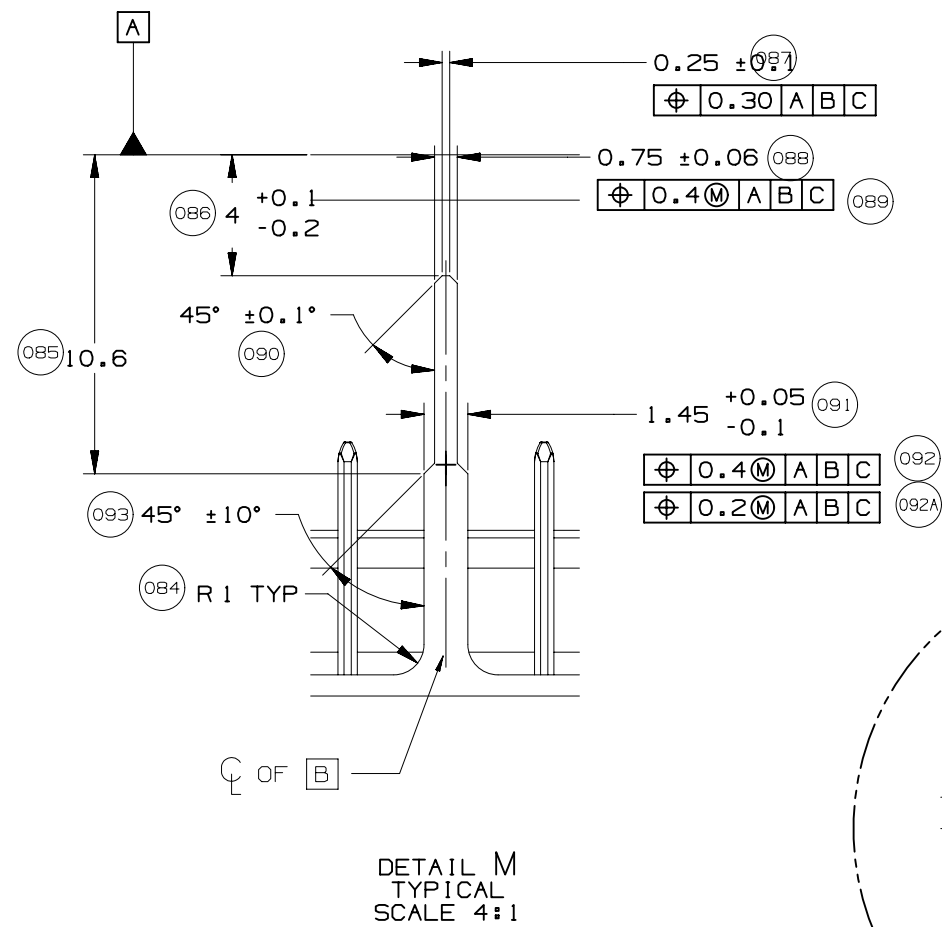
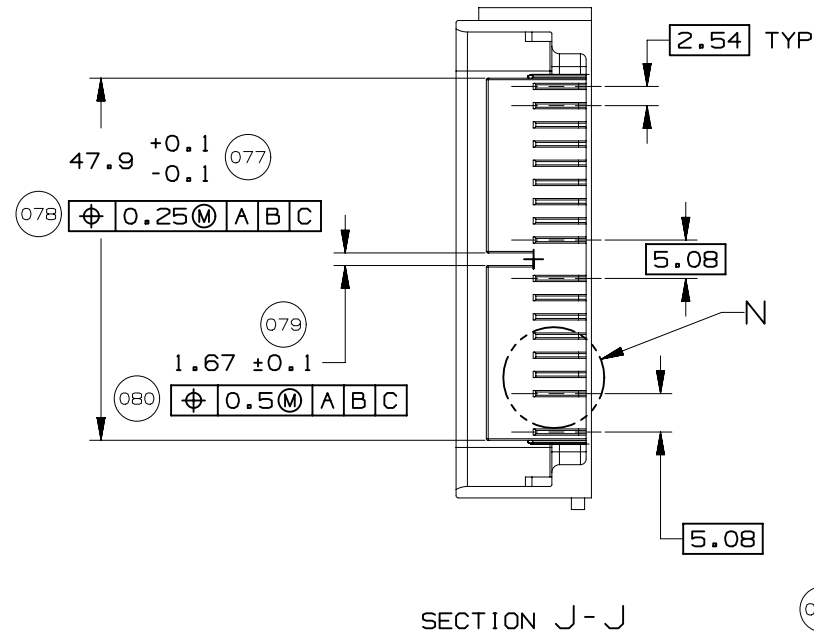
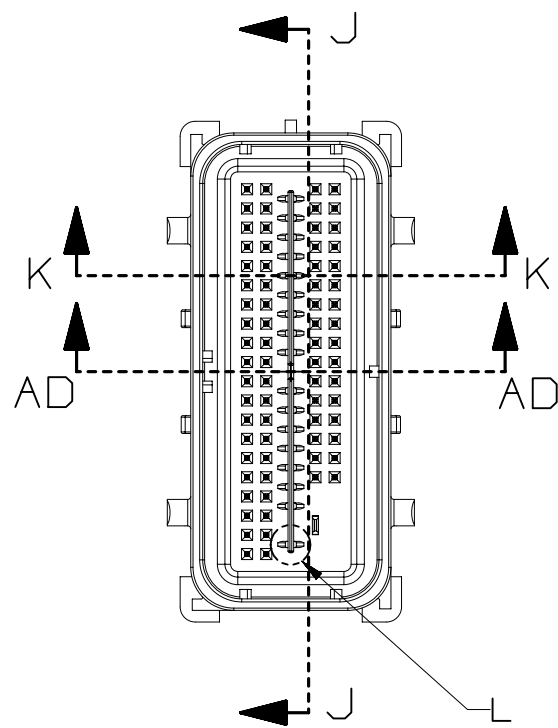




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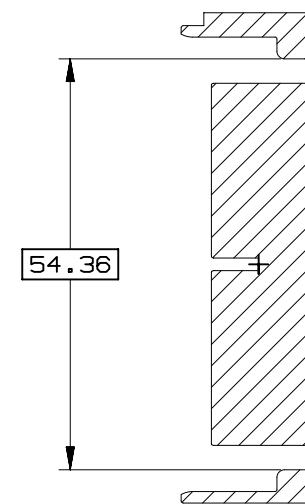
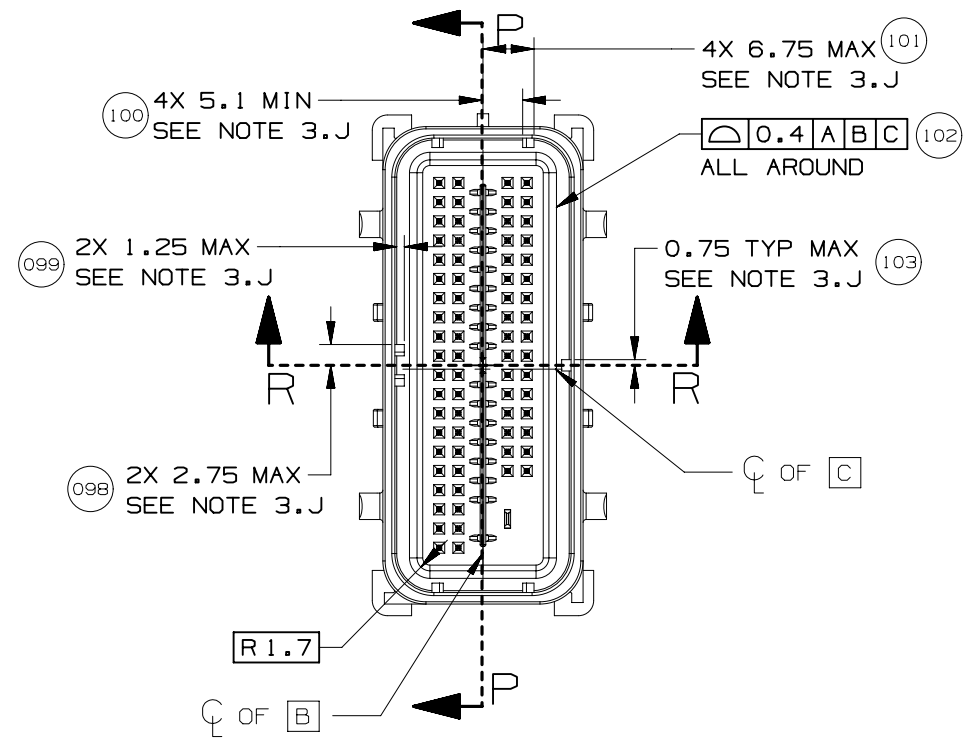
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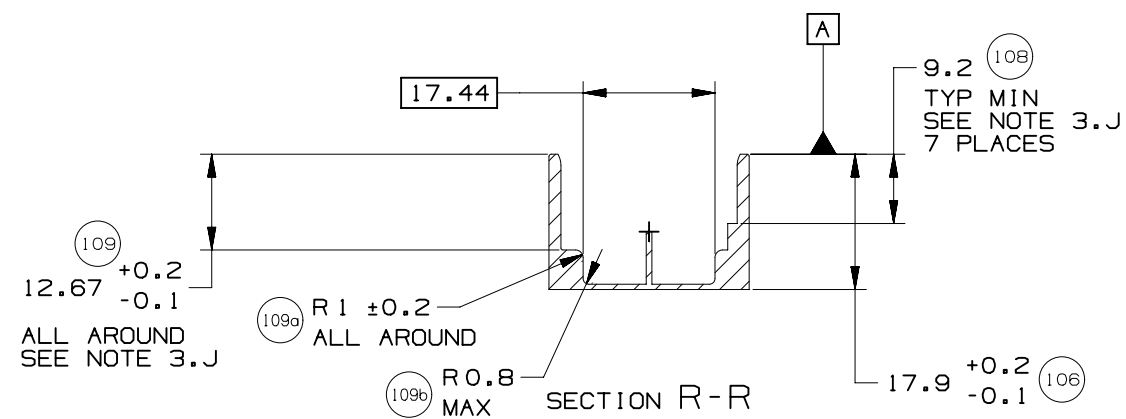
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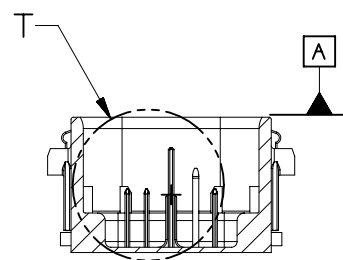
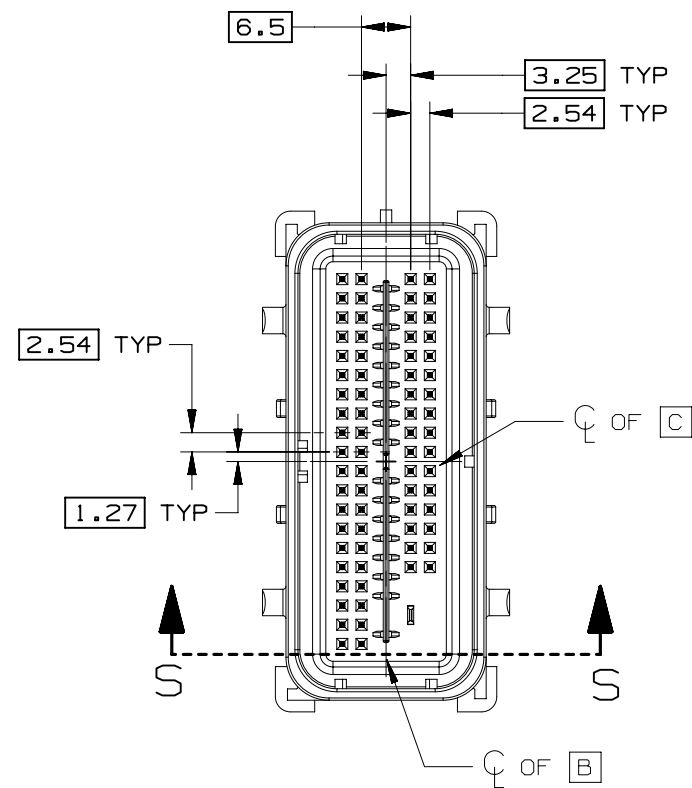
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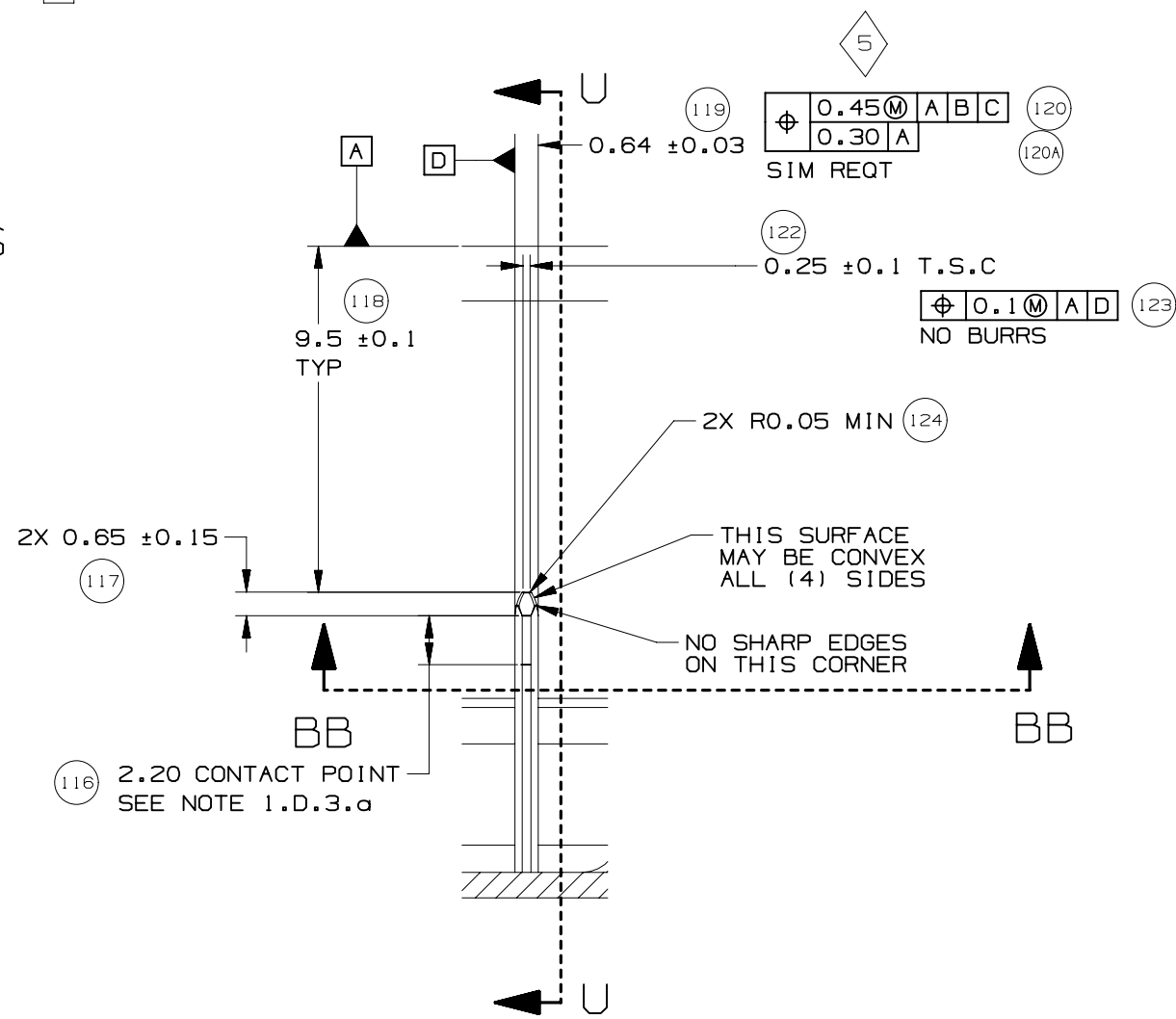
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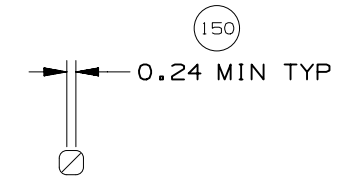




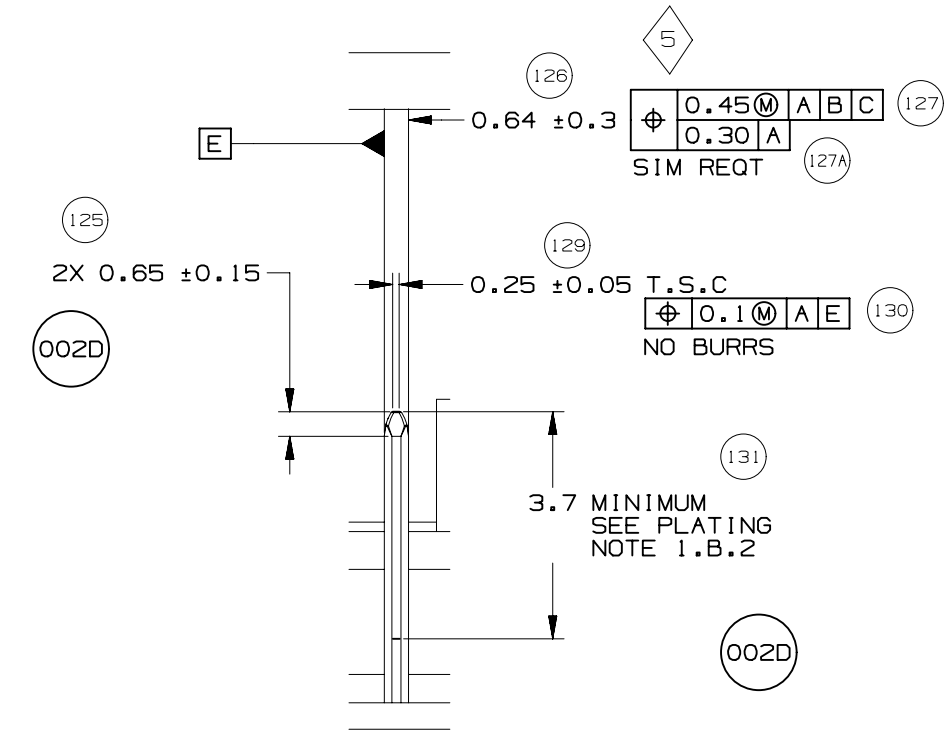
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DETAIL T  
TYPICAL  
SCALE 5:1

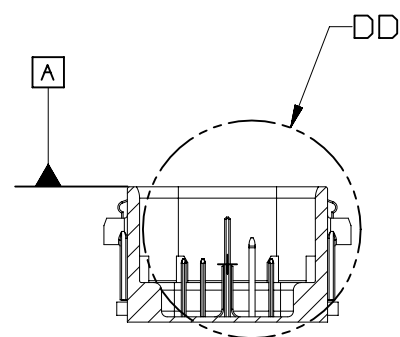
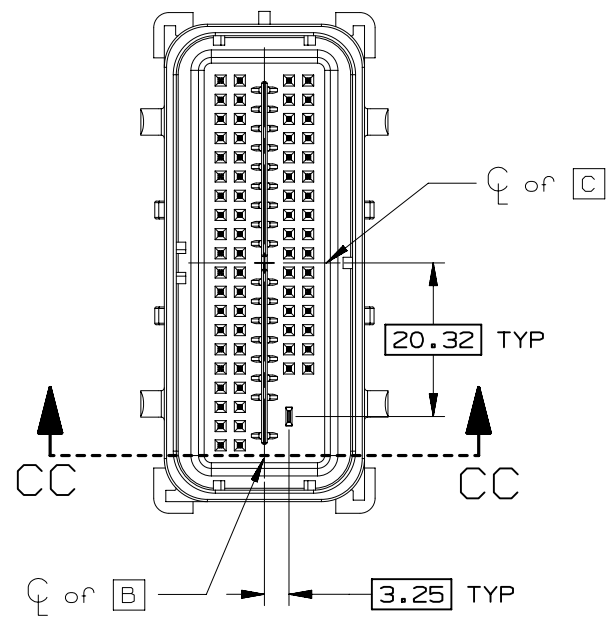


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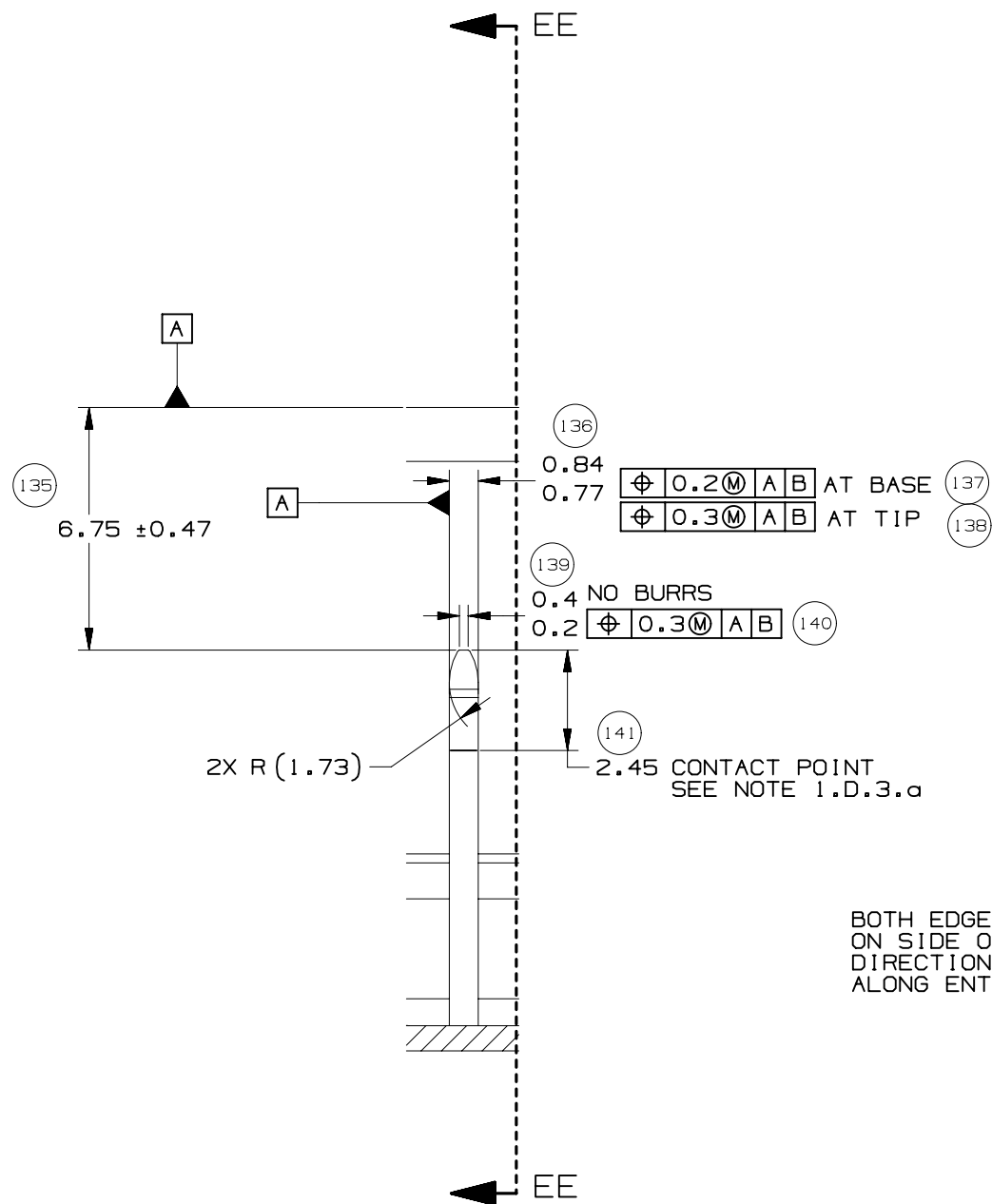


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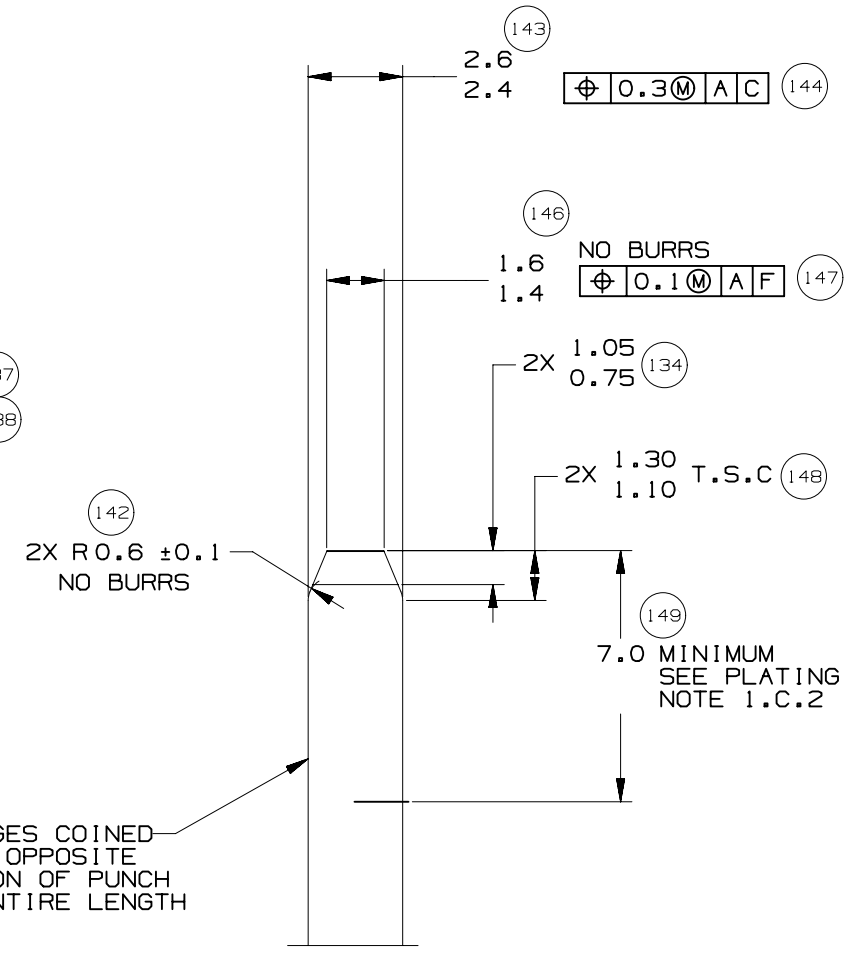




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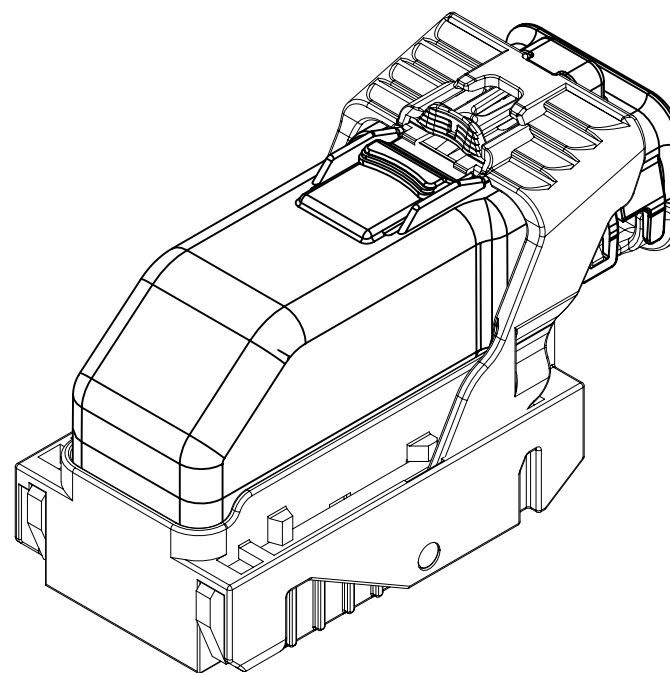


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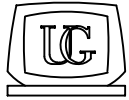
BOTH EDGES COINED  
ON SIDE OPPOSITE  
DIRECTION OF PUNCH  
ALONG ENTIRE LENGTH



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ISO VIEW

	<b>UNLESS OTHERWISE SPECIFIED:</b> THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN A RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.			DATE
	 CHANGE RESTRICTED NO MANUAL CHANGES	REFERENCE 12H (MOLEX AUTOMOTIVE)	DRAFTER APVD1 APVD2 APVD3 APVD4 APVD5	05JN15
DO NOT SCALE		DRAWING NAME		
METRIC DIMENSIONS SHOWN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		HARNESS CONN ASM-SEALED 52/66/73/80 CKTS, MX123		
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PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					
	05JN15	R	001			RELEASED TO PRODUCTION AT DLS A	CRMRJE	DFK		

PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					

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KEY PRODUCT CHARACTERISTICS  
(IN ACCORDANCE WITH QN 1805 OR ON 1050)



SAFETY/COMPLIANCE

TOTAL ON  
DRAWING

4



FIT/FUNCTION

LAST NO.  
USED

4

NO	TYPE	DESCRIPTION	RATIONALE	PAGE/ZONE
1	F/F	32.68	IMPROVE CONNECTOR SYSTEM MATING	16
2	F/F	29.00	INSURE PROPER RELEASE OF LEVER	16
3	F/F	15.25	INSURE FINAL MATE POSITION	17
4	F/F	POSITIONAL TOLERANCE (2 PLACES)	INSURE CONNECTOR SYSTEM MATEABILITY	20



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LINE	MFG.	MFG. P/N	GM P/N	EFFECTIVE DATE	APPLICABLE COMPONENTS	KEY OPTION	WIRE DRESS OPTION	KEY CONFIG.	COLOR	STATUS
					DESCRIPTION					
-										
1	MOLEX	34565-0003	12582676	02JN03	MX123 DRESS COVER 52/66/73/80 CKT	N/A	N/A	N/A	BLACK	AVAILABLE
2	MOLEX	160094-0001	12672852	01SP13	MX123 HRNS CONN ASSY 52 CKT	A	0	1458	BLACK	AVAILABLE
3	MOLEX	160094-0003	12672854	01SP13	MX123 HRNS CONN ASSY 52 CKT	C	0	2467	BLUE	AVAILABLE
4	MOLEX	160094-0013	12672853	01SP13	MX123 HRNS CONN ASSY 52 CKT	A	9	1458	BLACK	AVAILABLE
5	MOLEX	160094-0015	12672855	01SP13	MX123 HRNS CONN ASSY 52 CKT	C	9	2467	BLUE	AVAILABLE
6	MOLEX	34822-0013	12672856	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	0	1458	BLACK	AVAILABLE
7	MOLEX	34822-0033	12672858	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	0	2467	BLUE	AVAILABLE
8	MOLEX	34822-0023	12672857	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	9	1458	BLACK	AVAILABLE
9	MOLEX	34822-0043	12672859	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	9	2467	BLUE	AVAILABLE
10	MOLEX	34566-0103	12672860	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	0	1458	BLACK	AVAILABLE
11	MOLEX	34566-0203	12672862	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	0	1468	ST GRAY	AVAILABLE
12	MOLEX	34566-0303	12672864	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	0	2467	BLUE	AVAILABLE
13	MOLEX	34566-0603	12672866	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	0	1357	NATURAL	AVAILABLE
14	MOLEX	34566-1303	12672861	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	9	1458	BLACK	AVAILABLE
15	MOLEX	34566-1403	12672863	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	9	1468	ST GRAY	AVAILABLE
16	MOLEX	34566-1503	12672865	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	9	2467	BLUE	AVAILABLE
17	MOLEX	34566-1803	12672867	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	9	1357	NATURAL	AVAILABLE
18	MOLEX	34566-0703	12672872	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	0	1358	BLUE	AVAILABLE
19	MOLEX	34566-0803	12672870	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	0	2458	ST GRAY	AVAILABLE
20	MOLEX	34566-0903	12672868	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	0	2457	BLACK	NOT ACTIVE
21	MOLEX	34566-1903	12672873	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	9	1358	BLUE	AVAILABLE
22	MOLEX	34566-2003	12672871	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	9	2458	ST GRAY	AVAILABLE
23	MOLEX	34566-2103	12672869	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	9	2457	BLACK	NOT ACTIVE
24	MOLEX	34736-0028	12672851	01AU10	MX64 RCPT TERM Ag 0.5mm/0.75mm ISO GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
25	MOLEX	34736-0026	12672850	01AU10	MX64 RCPT TERM Ag 0.35mm ISO GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
26	MOLEX	34586-0001	12674820	11JN04	MX123 0.64mm GROMMET PLUG	N/A	N/A	N/A	NATURAL	AVAILABLE
27	YAZAKI	7116-4150-02	12588066	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 0.35mm2-0.50mm2	N/A	N/A	N/A	N/A	NOT ACTIVE
28	YAZAKI	7116-4151-02	12588067	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 0.75mm2-1.0mm2	N/A	N/A	N/A	N/A	NOT ACTIVE
29	YAZAKI	7116-4152-02	12582685	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 1.5mm2-2.5mm2	N/A	N/A	N/A	N/A	AVAILABLE
30	YAZAKI	7158-3111-60	12588068	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.2mm-1.9mm)	N/A	N/A	N/A	GREEN	NOT ACTIVE
31	YAZAKI	7158-3112-70	12588069	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.8mm-2.3mm)	N/A	N/A	N/A	YELLOW	NOT ACTIVE
32	YAZAKI	7158-3113-40	12582686	02JN03	2.8mm CABLE SEAL (wire O.D. range 2.1mm-3.0mm)	N/A	N/A	N/A	WHITE	AVAILABLE
33	YAZAKI	7158-3114-90	12674821	02JN03	2.8mm YESC CAVITY PLUG	N/A	N/A	N/A	BLUE	AVAILABLE
34	MOLEX	63825-8400	N/A	02JN03	MX64 TERM HAND CRIMP TOOL	N/A	N/A	N/A	N/A	AVAILABLE
35	MOLEX	63813-1400	XX019826	02JN03	MX64 TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE
36	MOLEX	63902-5300	N/A	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 0.5/0.75mm2 PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
37	MOLEX	63902-5370	N/A	02JN03	MX64 APPLICATOR TOOL KIT 0.5/0.75mm2	N/A	N/A	N/A	N/A	AVAILABLE
38	MOLEX	63902-5100	N/A	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 0.35mm2 PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
39	MOLEX	63902-5170	N/A	02JN03	MX64 APPLICATOR TOOL KIT 0.35mm2	N/A	N/A	N/A	N/A	AVAILABLE
40	SPX	J35616-64	T.B.D.	02JN03	0.64mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
41	SPX	J35616-64A	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
42	SPX	J35616-65	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for pin)	N/A	N/A	N/A	N/A	AVAILABLE
43	SPX	J35616-4A	T.B.D.	02JN03	2.8mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
44	YAZAKI	X39899-J374	12094430	02JN03	2.8mm TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE
45	TQI	7000-1006	N/A	15JN15	52 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE
46	TQI	7000-1002	N/A	15JN15	66 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE
47	TQI	79917-0061	N/A	15JN15	73 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE
48	TQI	79917-0066	N/A	15JN15	80 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE

\* - MX123 DRESS COVER 52/66/73/80 CKT MATES TO ANY MX123 HARN CONN ASSY SHOWN ON TABLE ABOVE



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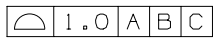
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NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL FOR INTERFACE:


- A. RESIN:
  - 1. 30% G.F. PBT; 20% MAX. (BY WEIGHT) REGRIND.
  - 2. MATING CONNECTOR INTERFACE PART COLOR MUST BE SAME AS MATCHING KEYED HARNESS CONNECTOR ASSEMBLY.
  - 3. MUST BE VALIDATED FOR INDIVIDUAL DEVICE APPLICATION REQUIREMENTS.
- B. 0.64MM PINS:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 635 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: SILVER (Ag). PLATING TO BE 1.9-3.3 μm ELECTRODEPOSITED SEMI-BRIGHT SILVER OVER 1.25-2.25 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
  - 3. ANTI-TARNISH: SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH OR EQUIVALENT APPLIED WITHOUT VOID TO CONTACT AREA (MIN 3.7mm FROM PIN TIP).
- C. 2.8MM BLADE:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 350 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: TIN. PLATING TO BE 2.5-5.0 μm ELECTRODEPOSITED TIN, MATTE FINISH OVER 1.25-2.5 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
- D. PLATING REQUIREMENTS:
  - 1. SILVER PLATING
    - a. 99.5% PURE SEMI-BRIGHT WITH NO ORGANIC BRIGHTNERS OR CHROMATES.
  - 2. NICKEL PLATING
    - a. ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL WITH A NON-BRIGHTENED FINISH. NO ORGANIC OR BRIGHTENING AGENTS SHALL BE ALLOWED.
    - b. SHALL ONLY BE USED AS AN UNDERLYING PLATING AND MAY NOT BE USED AS AN ELECTRICAL CONTACT SURFACE PLATING.
    - c. SHALL BE NODULE FREE WHEN VIEWED AT 10X MAGNIFICATION IN MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA.
    - d. ALL PLATINGS SHALL HAVE A 1.0% MAXIMUM BY WEIGHT IMPURITIES. IMPURITIES ARE DEFINED AS ALL ELEMENTS NOT THE PRIMARY PLATING OR HARDENING AGENT IF APPLICABLE, AS DETERMINED BY WET CHEMICAL ANALYSIS OR AUGER METHOD. NO SINGLE IMPURITY SHALL EXCEED 0.1% MAXIMUM BY WEIGHT.
  - 3. TESTING
    - a. THICKNESS TO BE MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA AS DESIGNATED IN THE DRAWING. THICKNESS SHALL BE DETERMINED BY METHOD OF X-RAY (XRF).
    - b. PLATING ADHESION SHALL BE TESTED BY A BEND TEST FOR ALL METALS. THE TEST SAMPLE SHALL BE BENT 90 DEGREES TO DETERMINE DEPOSIT ADHESION. TESTING SHALL BE COMPLETED IN ACCORDANCE WITH ASTM SPEC B571.

2. DESIGN - GENERAL:

- A. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- B. TOLERANCES:
  - 1. LINEAR
    - 0.X ± 0.30
    - 0.XX ± 0.10
    - 0.XXX ± 0.10
  - 2. ANGULAR X° ± 3°
  - 3. 
- C. MINIMUM WALL THICKNESS REQUIRED: 1.3mm.
- D. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- E. LETTERING SHALL BE 0.15 MAX RAISED IN 0.20 MAX RECESS PAD. THIS INCLUDES MATERIAL CODE, RECYCLING CODE, CAVITY ID AND DATE CODE.
- F-1. PARTS MUST BE FREE OF DISCOLORATION, SALT RESIDUE AND OTHER IMPERFECTIONS THAT AFFECT FIT OR FUNCTION.
- F-2. SCRATCHES OR DENTS NOT TO EXCEED 0.013mm IN DEPTH.
- G. FOLLOWING PRODUCTION CODES TO BE PERMANENTLY MARKED & HUMAN READABLE TO A LETTER HEIGHT OF 1.5 ± 0.5MM X 0.3 MAX DEEP
  - 1. MATERIAL #: XXXXX-XXXX
  - 2. DATE CODE: JJYY (JULIAN DAY, LAST DIGIT OF YEAR)
  - 3. INSPECTION MACHINE CODE + SERIAL #: X\_XXXXX

3. DESIGN - MANUFACTURING:

- A. DRAFT TO BE WITHIN TOLERANCE.
- B. ALLOWABLE FLASH MAX 0.2 HIGH X MAX 0.13 THICK.
- C. ALLOWABLE PARTING LINE MISMATCH 0.2 MAX.
- D. EJECTOR PINS MARK TO BE FLUSH TO 0.25 MAX DEPRESSED.
- E. ALLOWABLE GATE VESTIGE FLUSH TO 0.25 MAX PROTRUSION.
- F. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.
- G. STEEL THAT FORMS THE INDICATED SURFACE MUST BE POLISHED WITH A DIAMOND FINISH (SPI A-2) OVER THE FULL PERIPHERY OF THE TOOL. SURFACE MUST HAVE NO MISMATCH.
- H. ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE IT'S ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1008 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
- J. OPTIONAL FEATURES PROVIDED FOR AUTOMATION.
- K. PART MUST BE FREE FROM BURRS AND SHARP EDGES, WHICH MIGHT BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, SAFE HANDLING OR FUNCTION OF PART.
- L. PARTS AS DELIVERED TO ASSEMBLY SHALL BE CLEAN AND FREE OF DEBRIS, RESIDUAL ABRASIVE MATERIAL AND CORROSION PRODUCTS ADVERESLY AFFECTING FUNCTION OR APPEARENCE.
- M. RESTRICTED AND REPORTABLE SUBSTANCES FOR PARTS PER GMW3059.

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NOTES: UNLESS OTHERWISE SPECIFIED

4. SYSTEM REQUIREMENTS:

- A. HARNESS CONNECTOR IS COMPATIBLE WITH THE FOLLOWING ISO WIRE SIZE NO'S:  
 0.35mm<sup>2</sup>, MEETING GMW15626 - MIN OD OF 1.30MM  
 0.50mm<sup>2</sup>, MEETING GMW15626  
 0.75mm<sup>2</sup>, MEETING GMW15626 - MAX OD OF 2.06MM

B. CABLE TIE SPECIFICATIONS:

1. CABLE TIE:
  - TENSILE RATING: 220N / (50lbs) MIN
  - TIE LENGTH: 186mm MIN
  - TIE WIDTH: 4.75mm MAX
  - MATERIAL: NYLON
2. INSTALLATION:
  - CABLE TIE TENSION: 190N MIN
3. DRESSED WIRE BUNDLE PACKAGING: SEE FIG. 1

C. WHEN MATED WITH COMPONENT CONNECTOR INTERFACE AND/OR DRESS COVER, HARNESS CONNECTOR SYSTEM CONFORMS TO THE FOLLOWING:

1. SAE/USCAR-2, REV: 3 APRIL, 2001; CLASS 3
2. FIELD CORRELATED LIFE TEST, SAE/USCAR-20, NOV. 2001
3. GMW #3191 AUGUST 22, 2000 (DRAFT); TEMPERATURE CLASS 3, SEALING CLASS 1, VIBRATION CLASS 2
4. RESTRICTED AND REPORTABLE CHEMICALS PER GMW #3059, REV: D AUGUST 2002
5. TPA USER FORCES (FULLY POPULATED WITH TERMINALS)
  - a. REMOVAL FROM LOCK TO PRE-SET: <=120N

D. WIRE SPECIFICATIONS:

1. WIRE SURFACE MUST BE FREE OF SCRATCHES, GROOVES OR DENTS WHERE FUNCTIONAL

5. TERMINAL CURRENT RATINGS:

A. MX64 RCPT TERM

ALL TESTING DONE IN ACCORDANCE WITH USCAR-2 REV5 SECTION 5.3

1. MX64 RCPT TERM Ag 0.50/0.75mm<sup>2</sup> CRIMPED TO 0.75mm<sup>2</sup> ISO WIRE AND MATED TO MX123 0.64MM PIN: SEE TABLE BELOW
2. MX64 RCPT TERM Ag 0.35mm<sup>2</sup> CRIMPED TO 0.35mm<sup>2</sup> ISO WIRE AND MATED TO MX123 0.64MM PIN: SEE TABLE BELOW

WIRE	CURRENT RATING			
	23°C	85°C	105°C	125°C
0.75mm <sup>2</sup>	11.3A	11.3A	9.5A	6.6A
0.50mm <sup>2</sup>	10.0A	10.0A	8.3A	5.7A
0.35mm <sup>2</sup>	8.5A	8.5A	7.1A	5.0A

B. 2.8MM RCPT TERM

ALL TESTING DONE IN ACCORDANCE WITH MOLEX DVP&R 0279 (TR # 7125)

1. 2.8MM RCPT TERM TIN 2.0mm<sup>2</sup> CRIMPED TO 2.0mm<sup>2</sup> ISO WIRE AND MATED TO MX123 2.8MM BLADE: 25.6 AMPS AT 125°C

6. CONTACT MOLEX AUTOMOTIVE FOR AVAILABLE CUSTOM PATTERNS OF CAVITIES OPEN FOR CIRCUITS - SEE GM DRAWING 13507496



PAGE TITLE  
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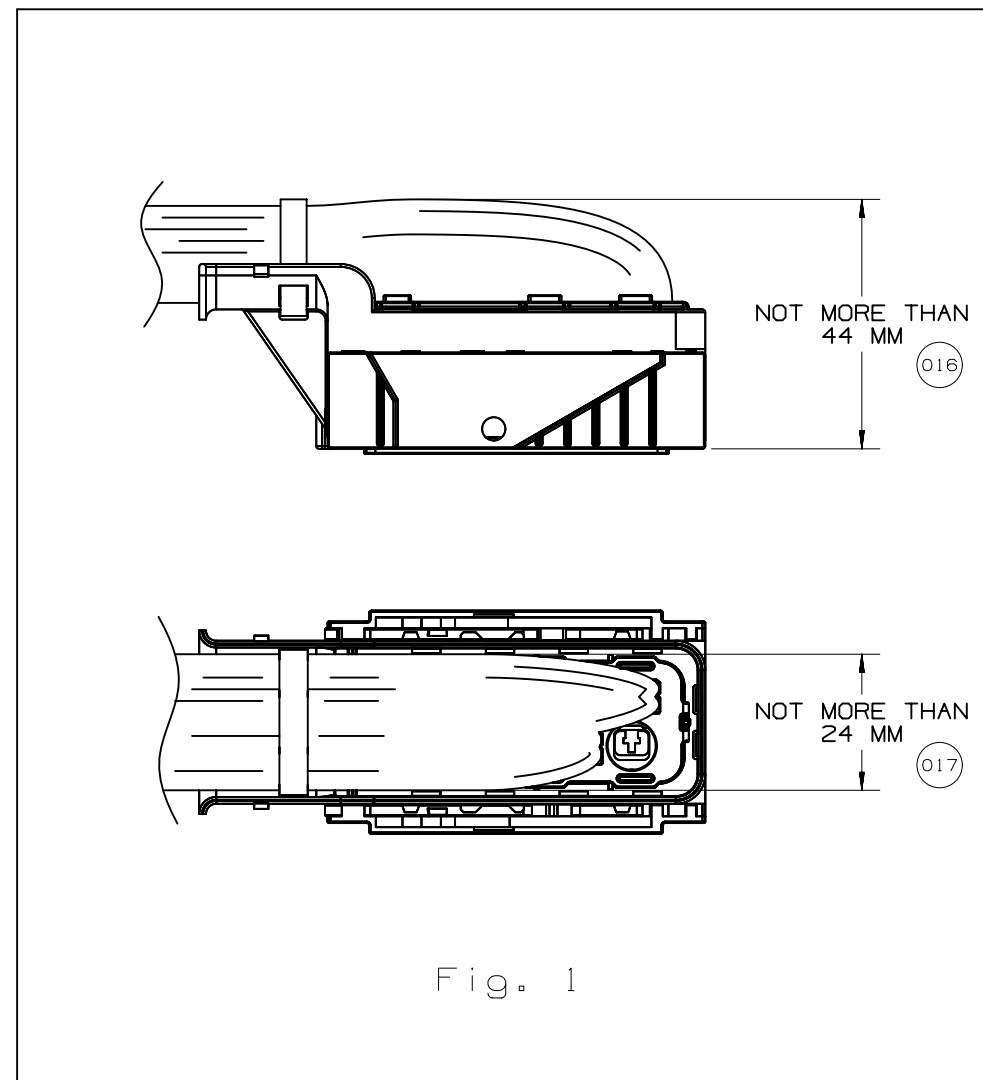
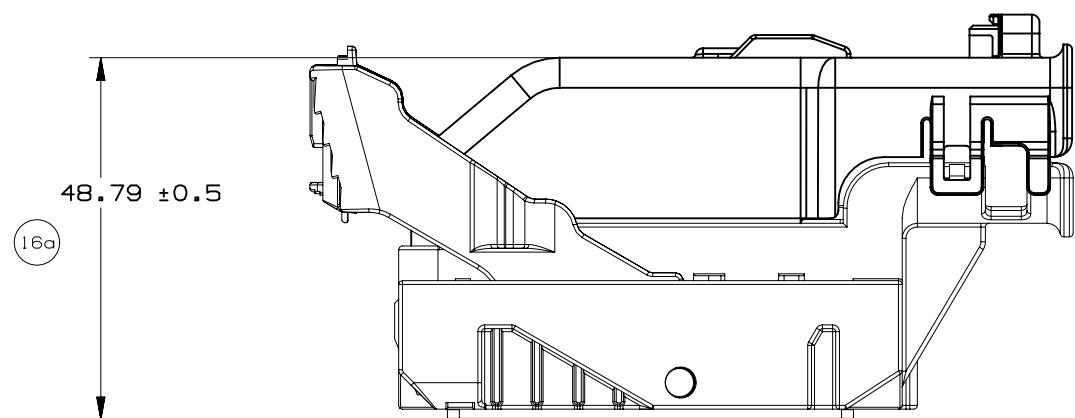
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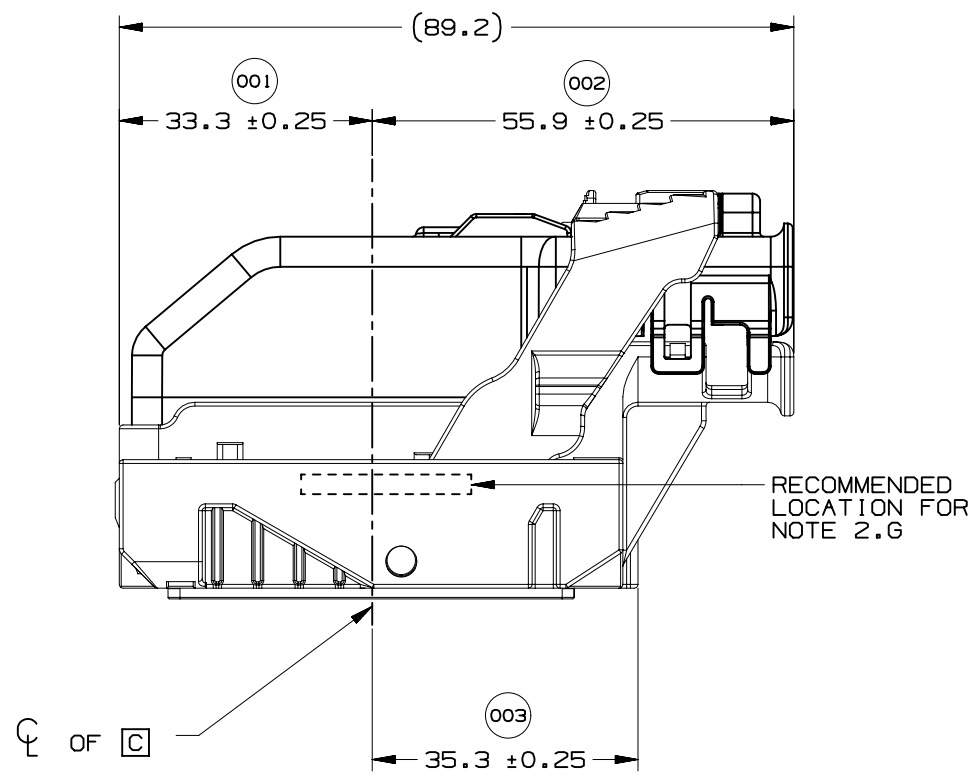
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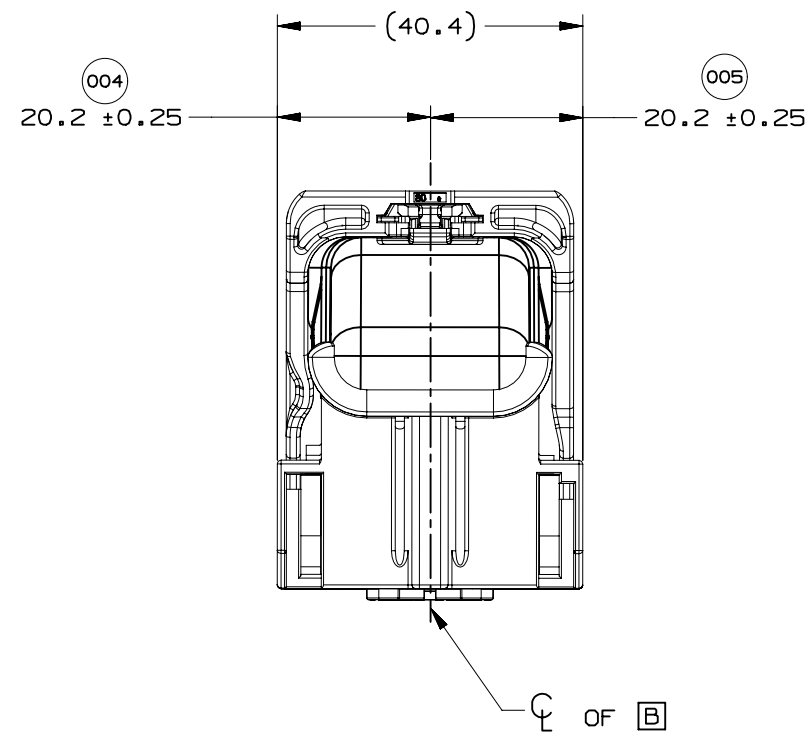
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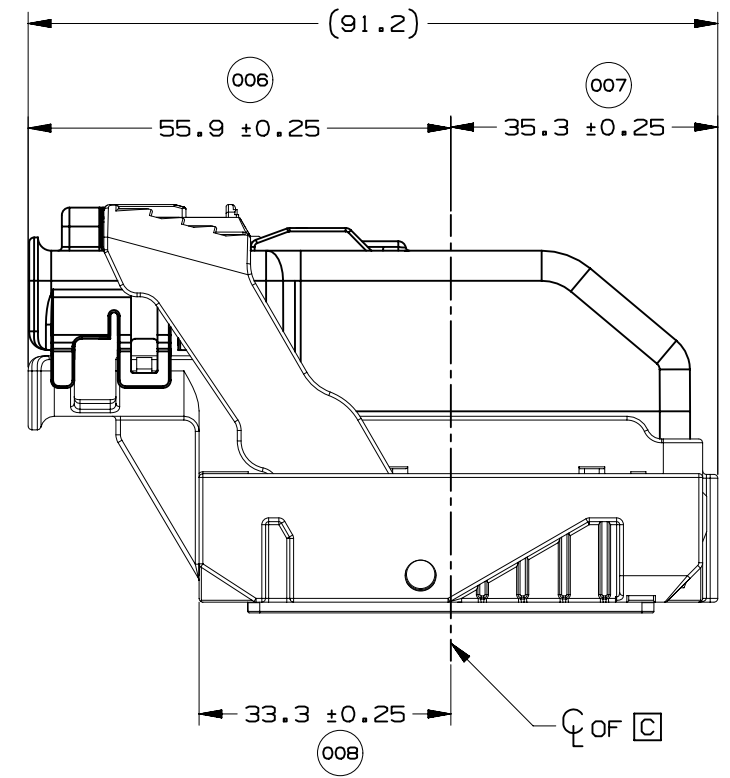




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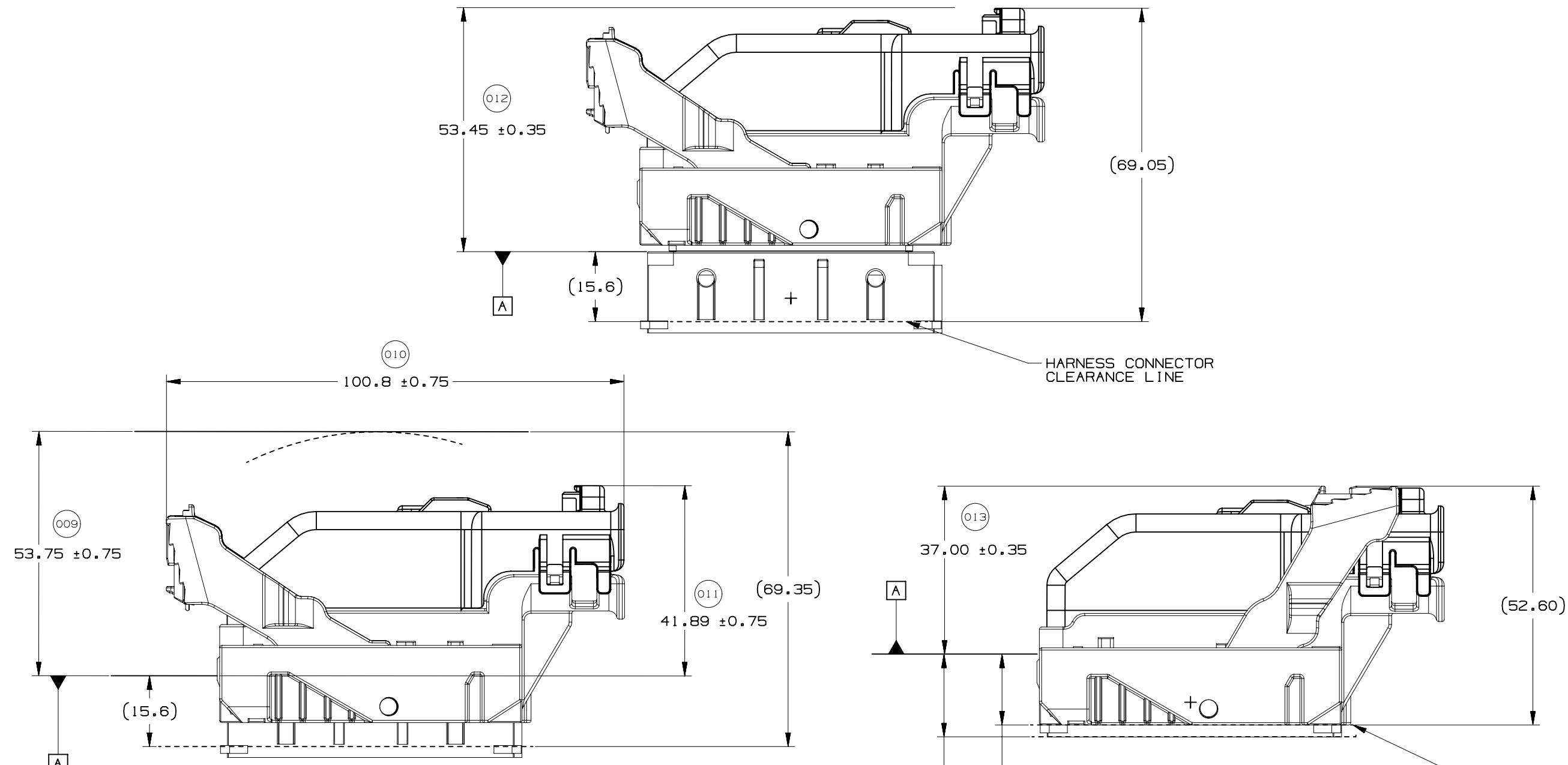


WIRE DRESS OPTION 0 SHOWN



WIRE DRESS OPTION 9 SHOWN





HARNESS CONNECTOR CLEARANCE LINE

HARNESS CONNECTOR ASSEMBLY IN FULLY-MATED POSITION

HARNESS CONNECTOR CLEARANCE LINE

15.6 MIN. ALL AROUND CLEARANCE REQUIRED FOR HARNESS CONNECTOR (014)

17.9 MIN. AT PAD LOCATION CLEARANCE REQUIRED FOR HARNESS CONNECTOR CONSTRUCTION BELOW THIS PLANE IS NOT CONTROLLED (015)

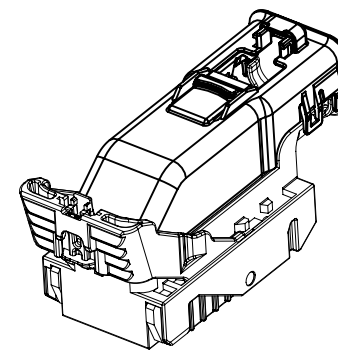
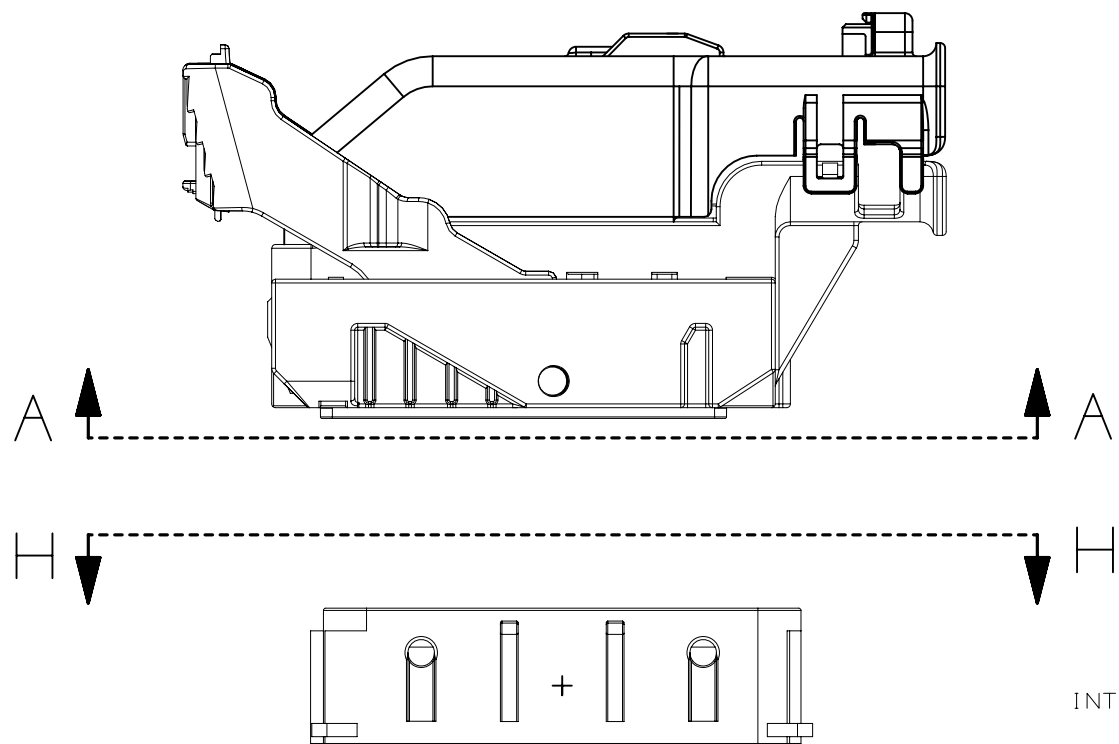


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LOCATION AND PACKAGING DIMENSIONS  
REFERENCING INTERFACE DATUM A

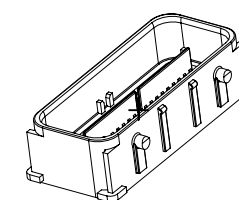
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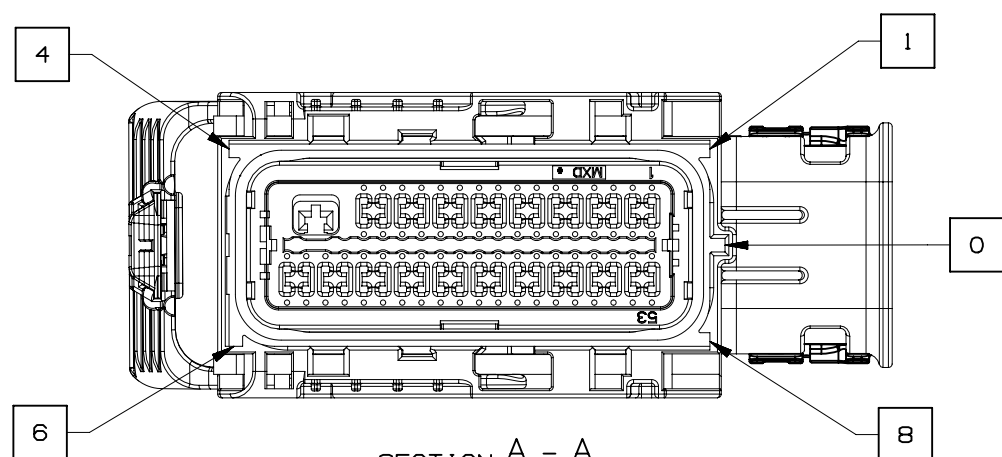
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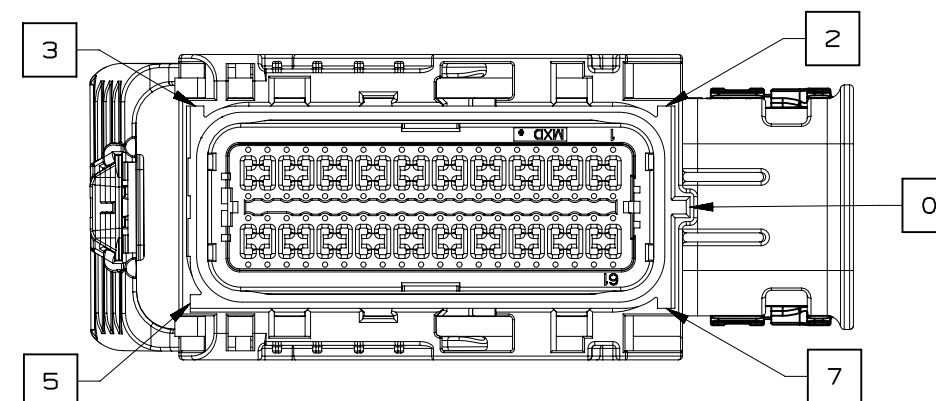
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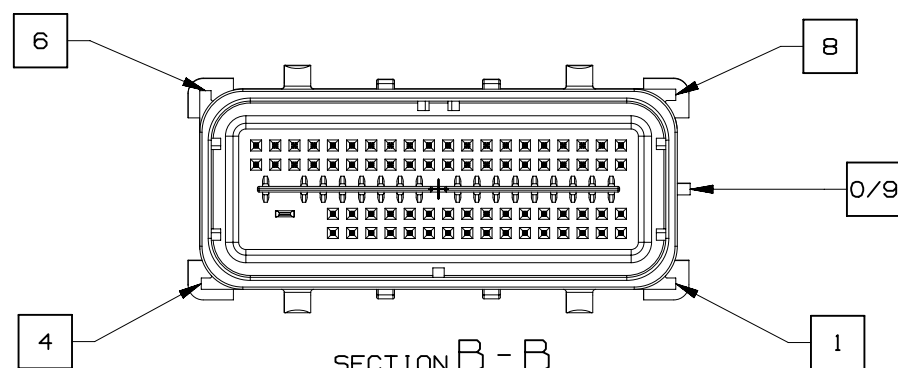
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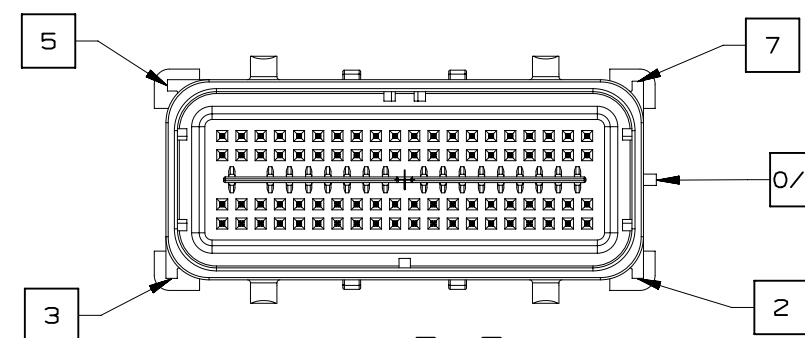
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73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



SECTION A - A  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN



SECTION B - B  
73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



SECTION B - B  
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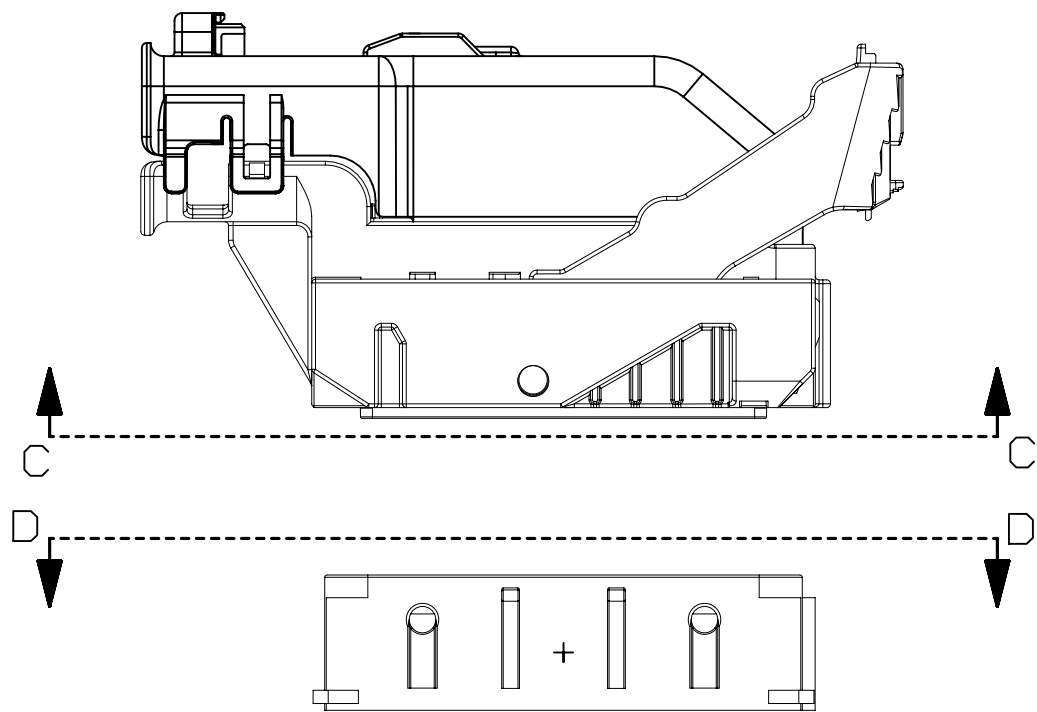


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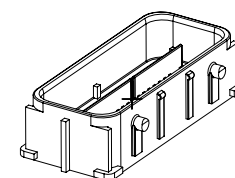
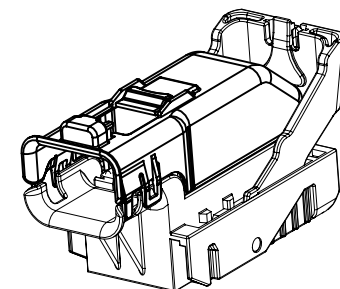
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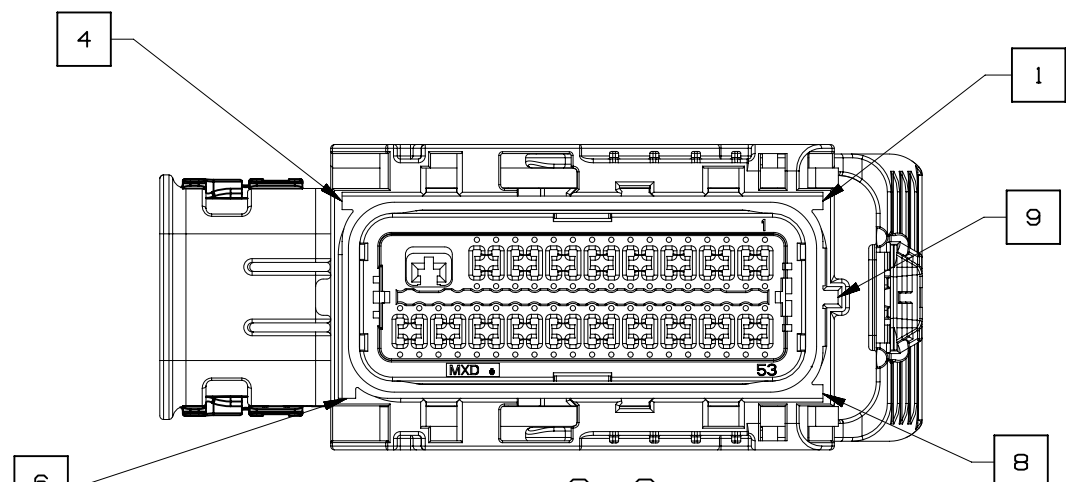
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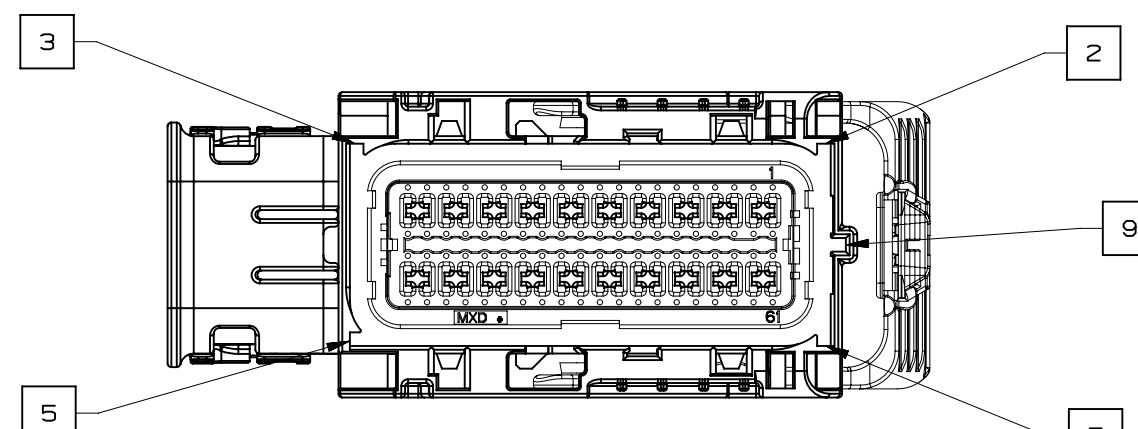
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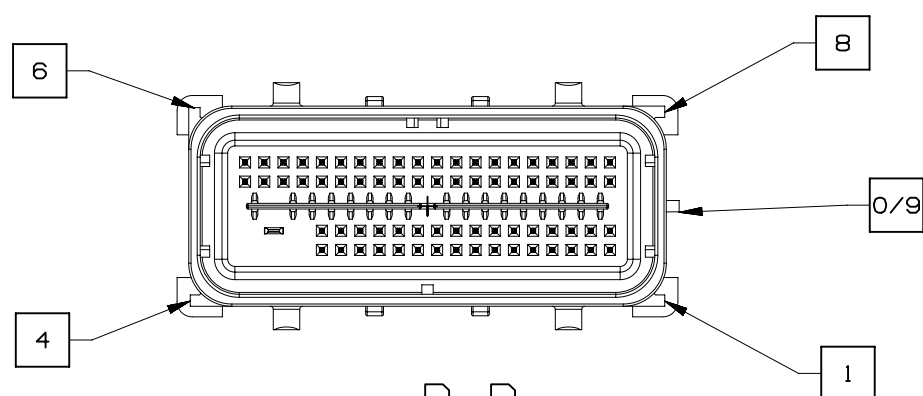
NOTE: REFERENCE THE COMPONENT TABLE FOR KEY OPTIONS AND CONFIGURATIONS



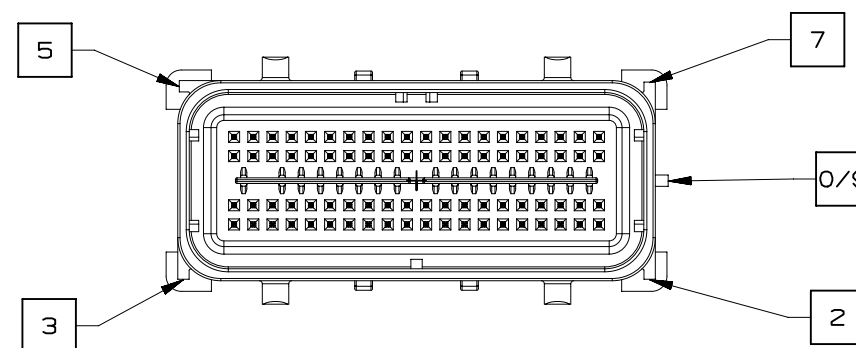
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KEY OPTION B SHOWN



SECTION C - C  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN



SECTION D - D  
73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



SECTION D - D  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN

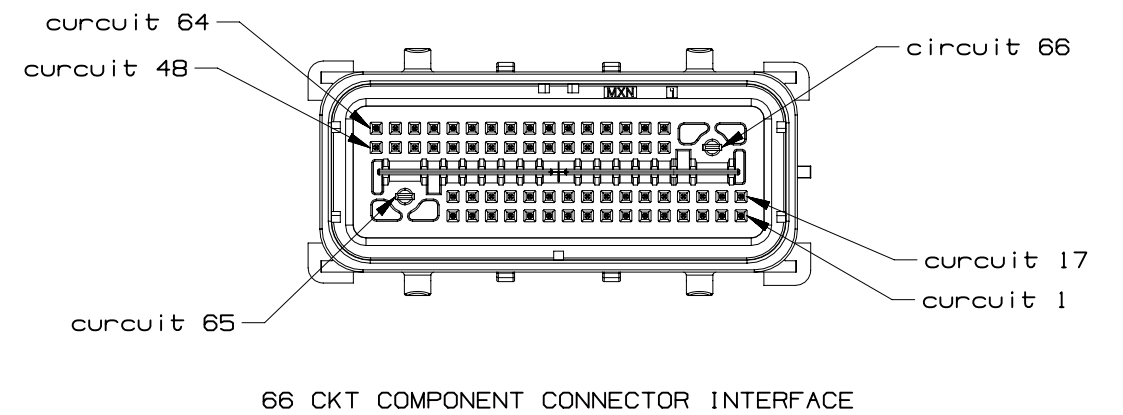
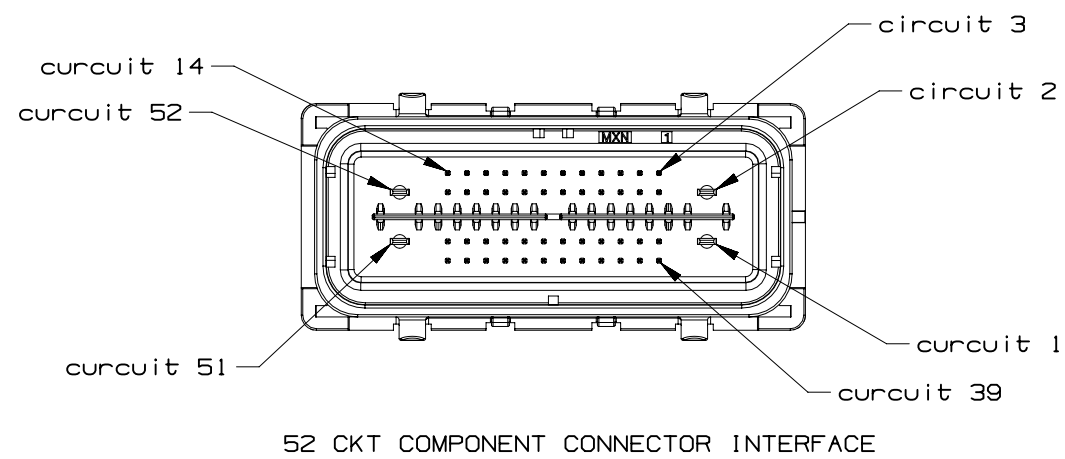
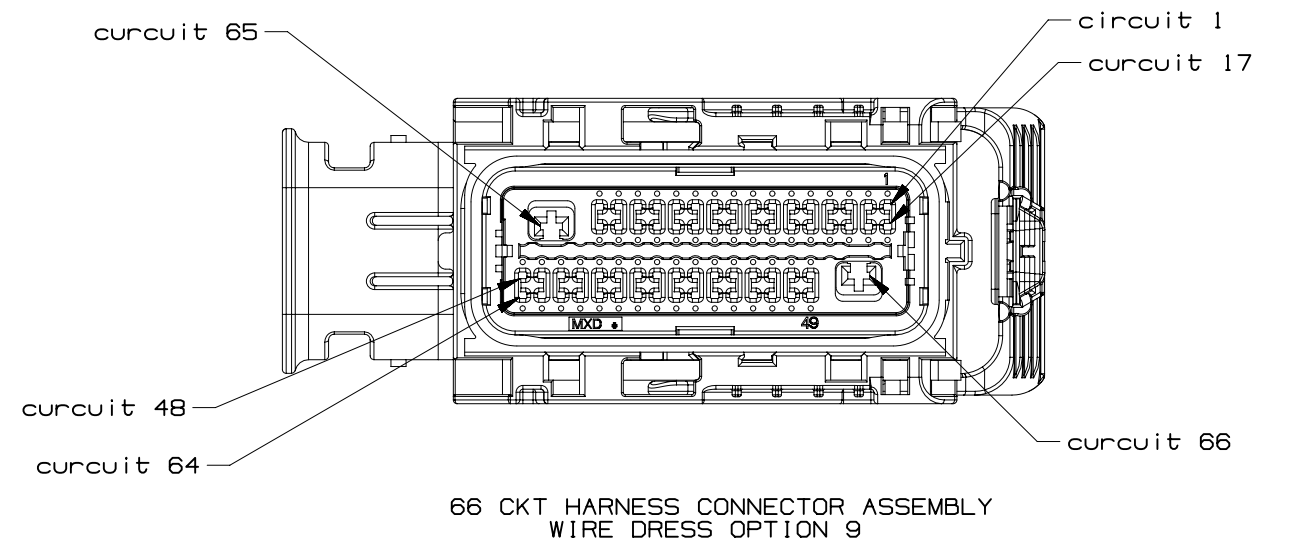
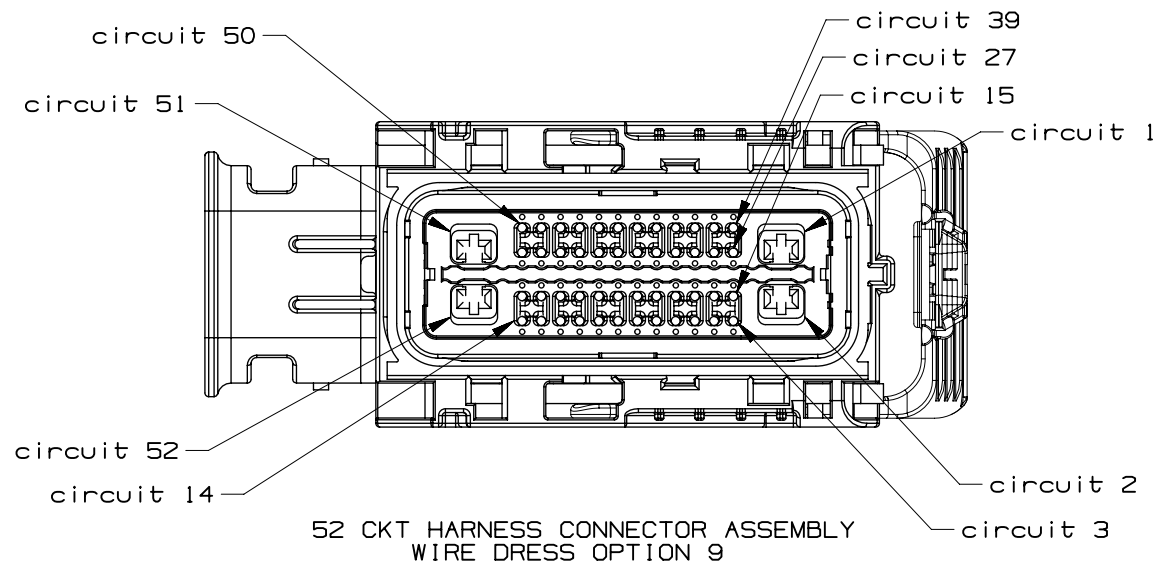
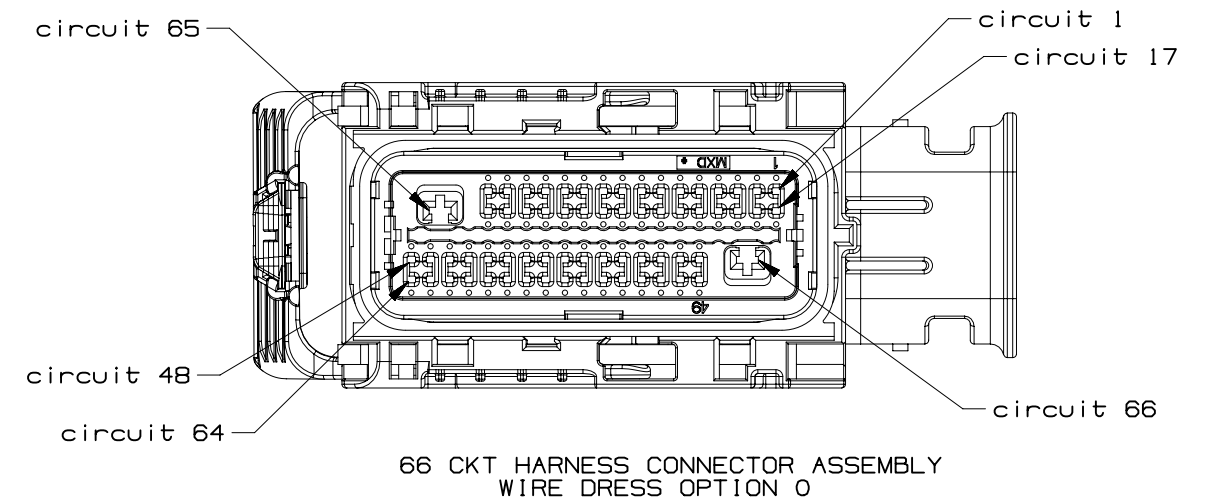
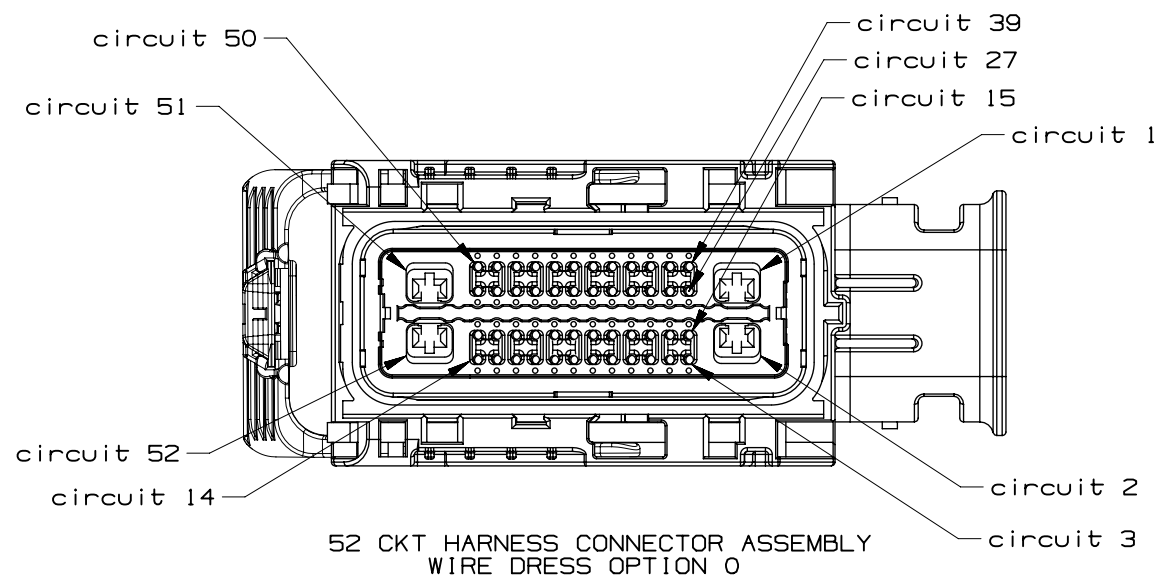


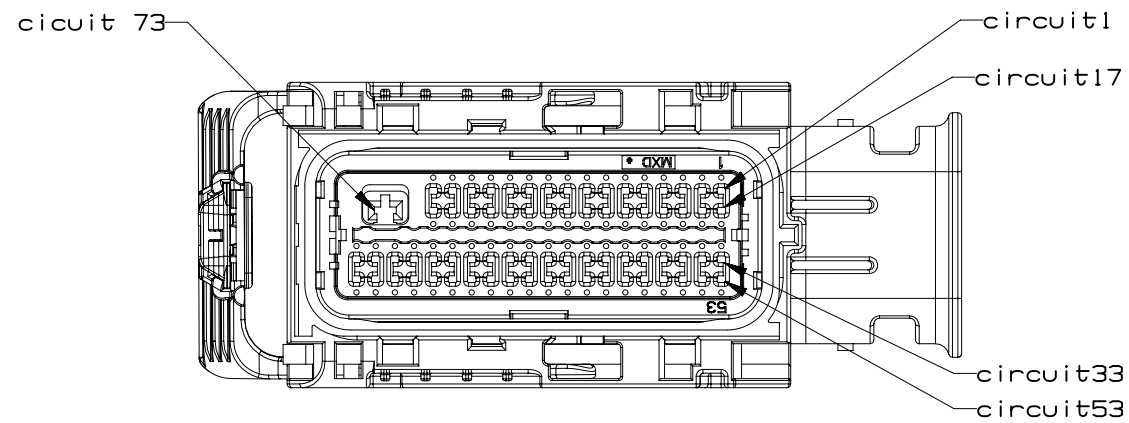
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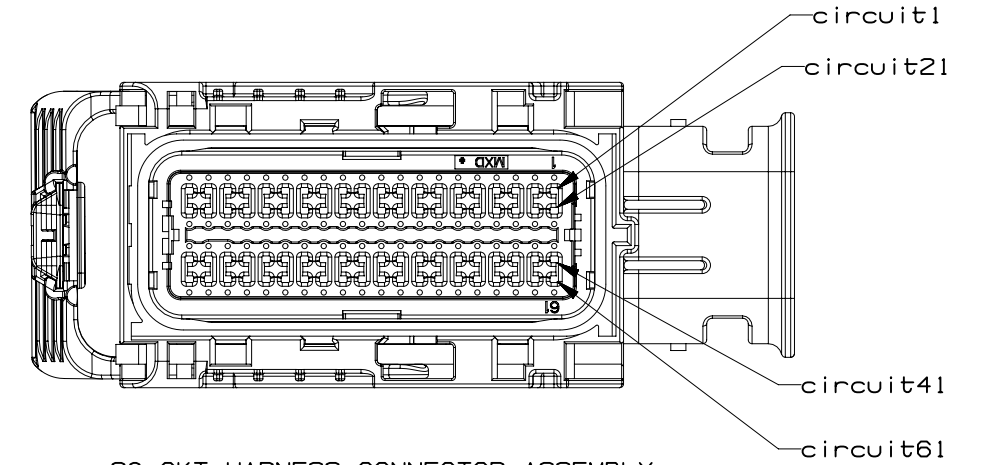
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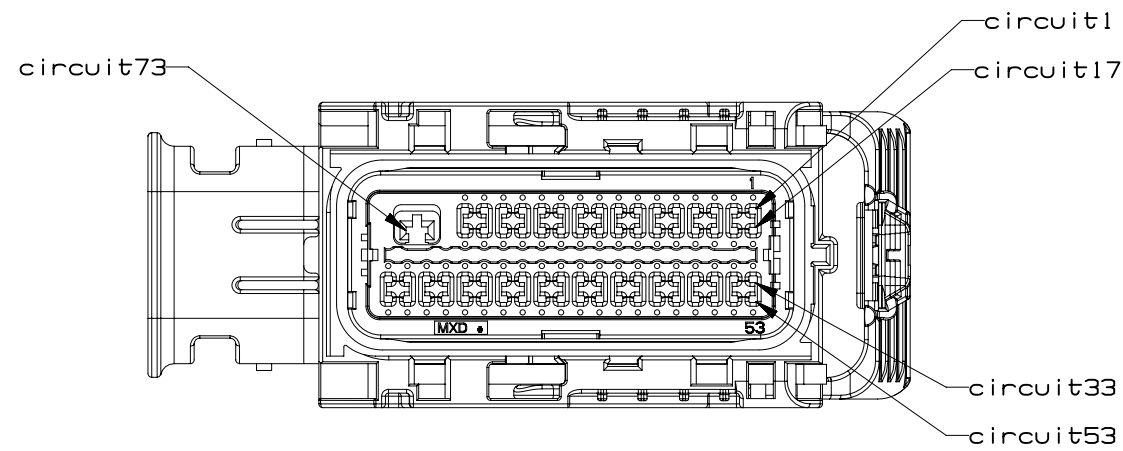


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WIRE DRESS OPTION 0

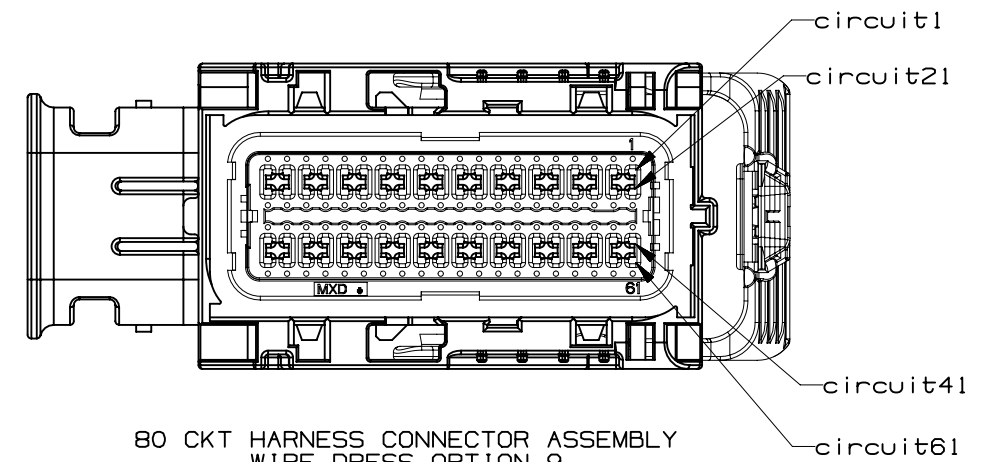


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WIRE DRESS OPTION 0

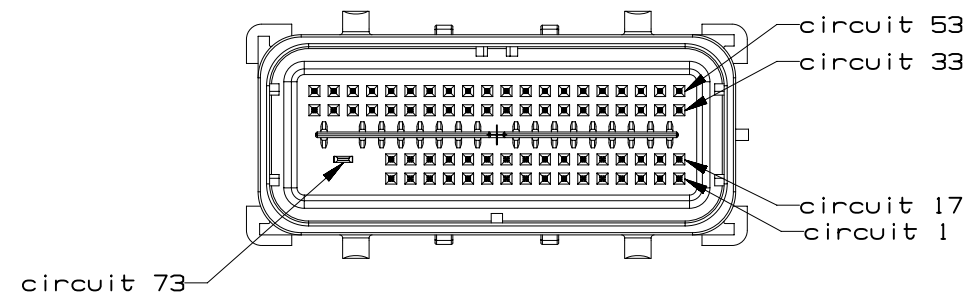
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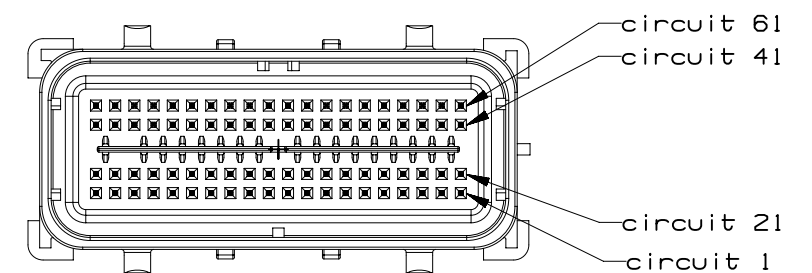
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WIRE DRESS OPTION 9



80 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9



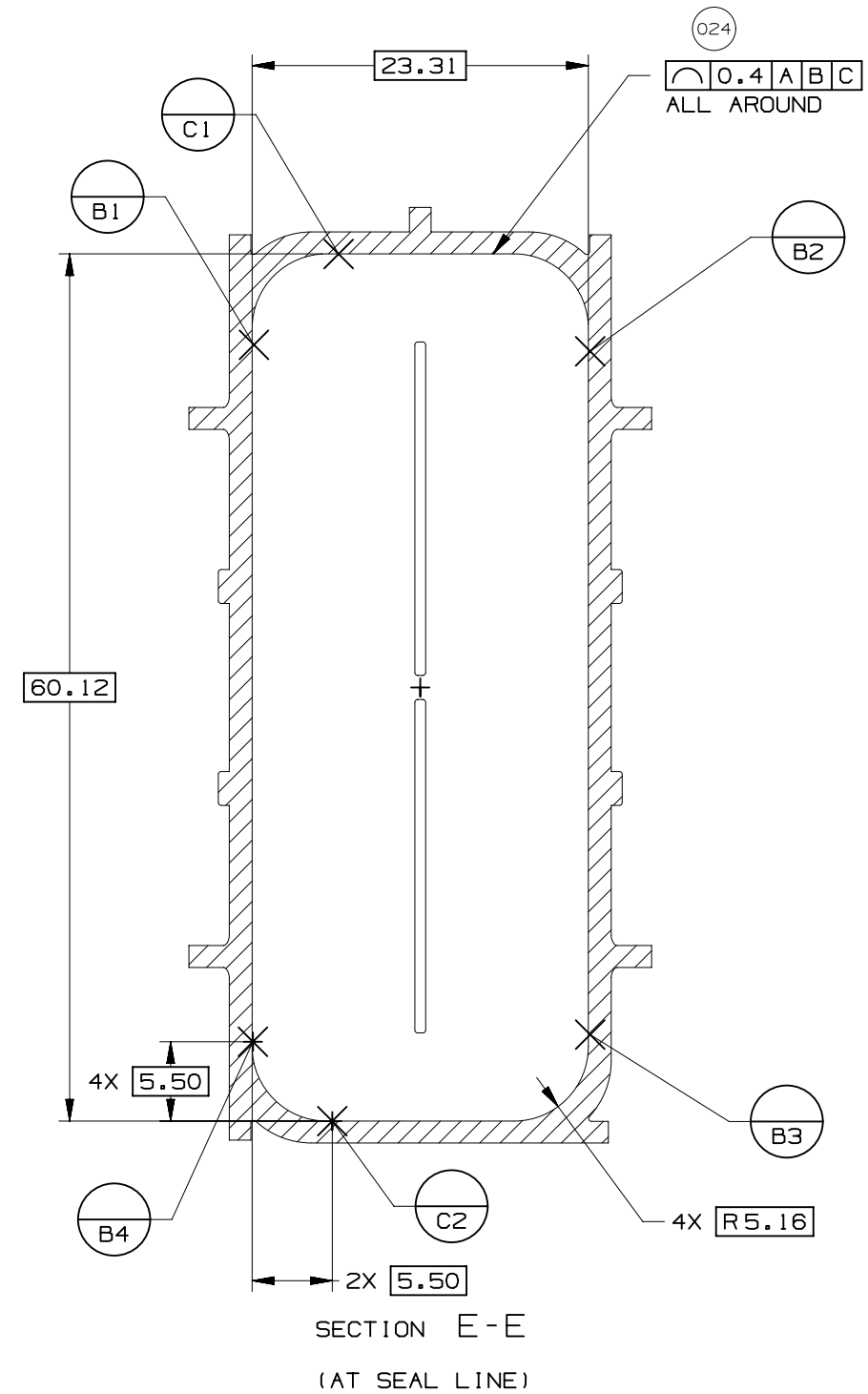
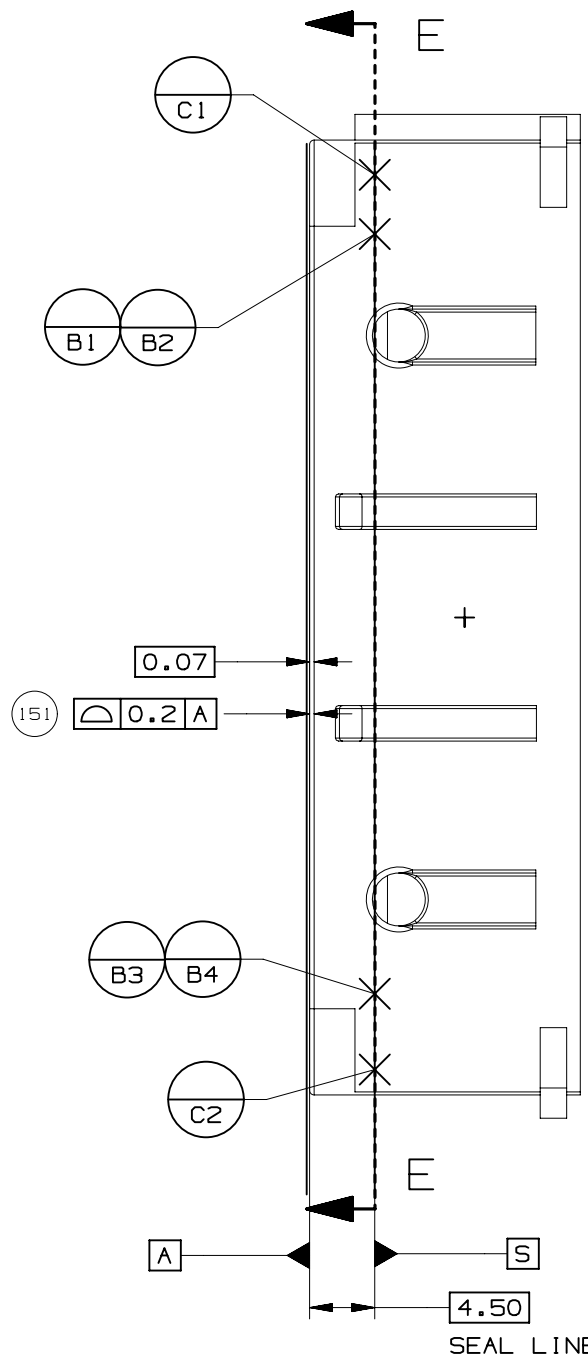
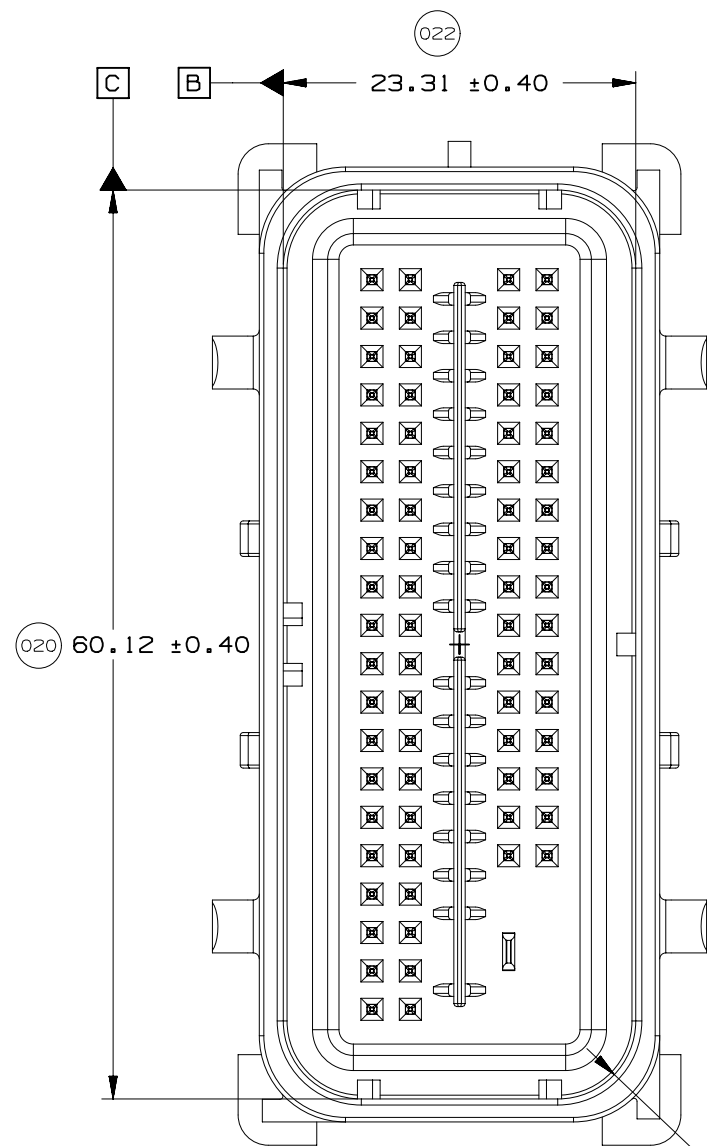
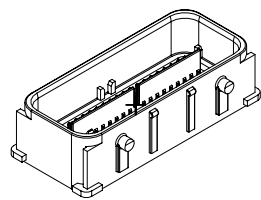
73 CKT COMPONENT CONNECTOR INTERFACE



80 CKT COMPONENT CONNECTOR INTERFACE







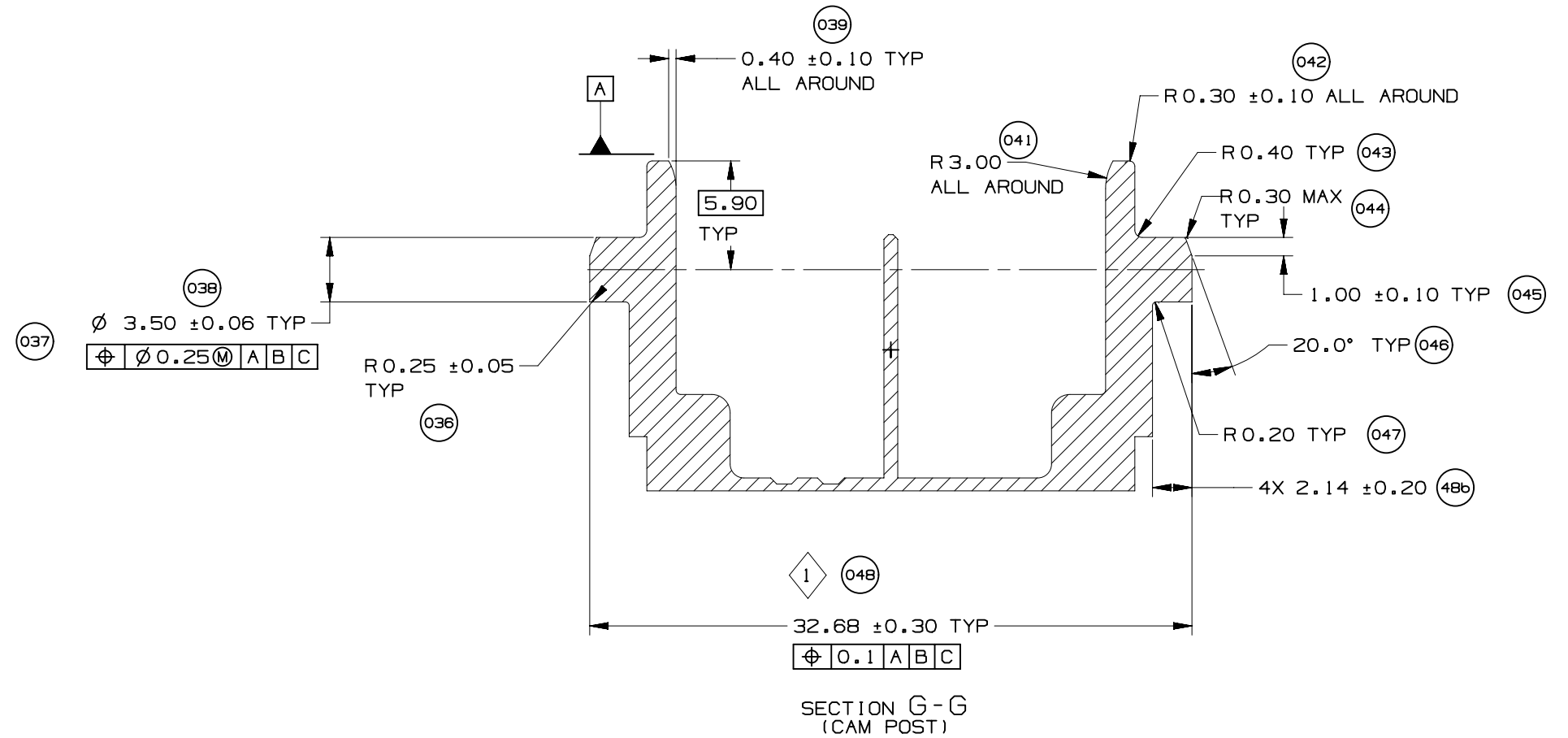
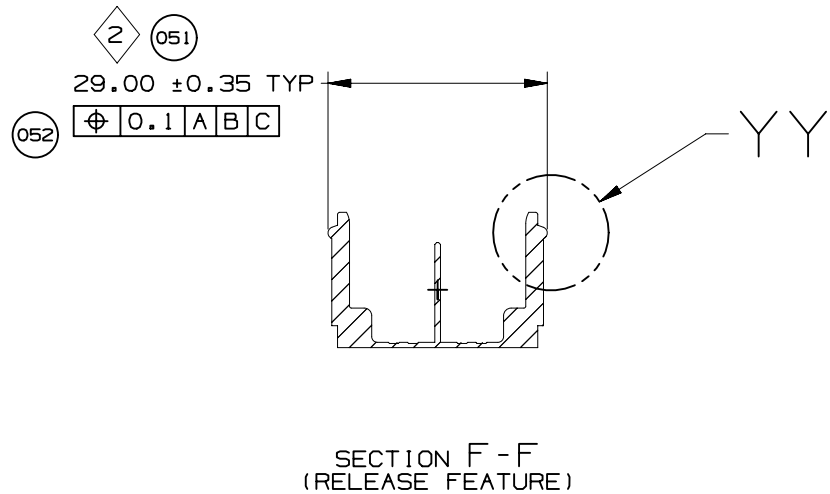
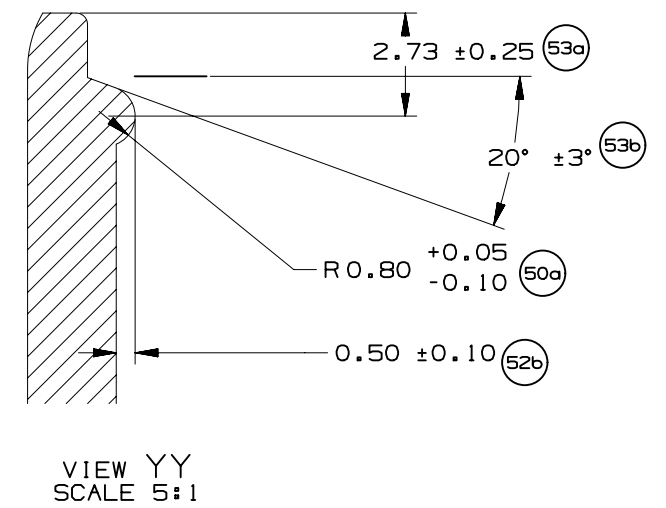
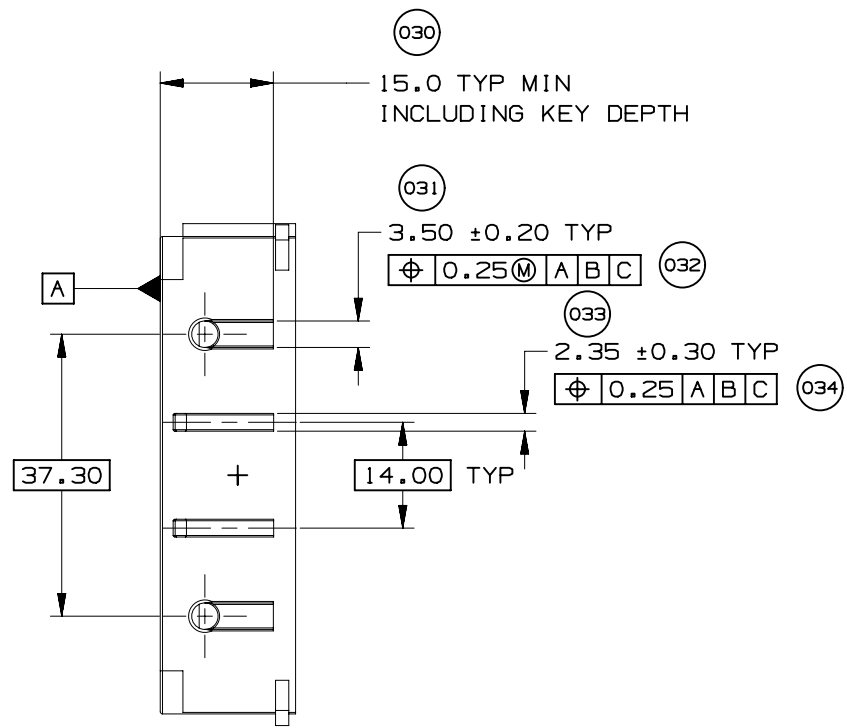
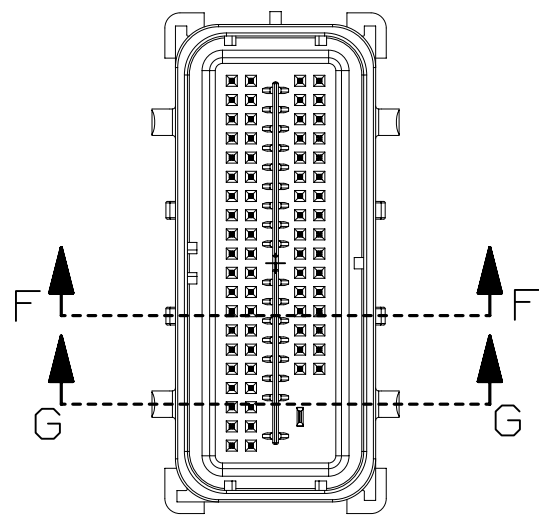
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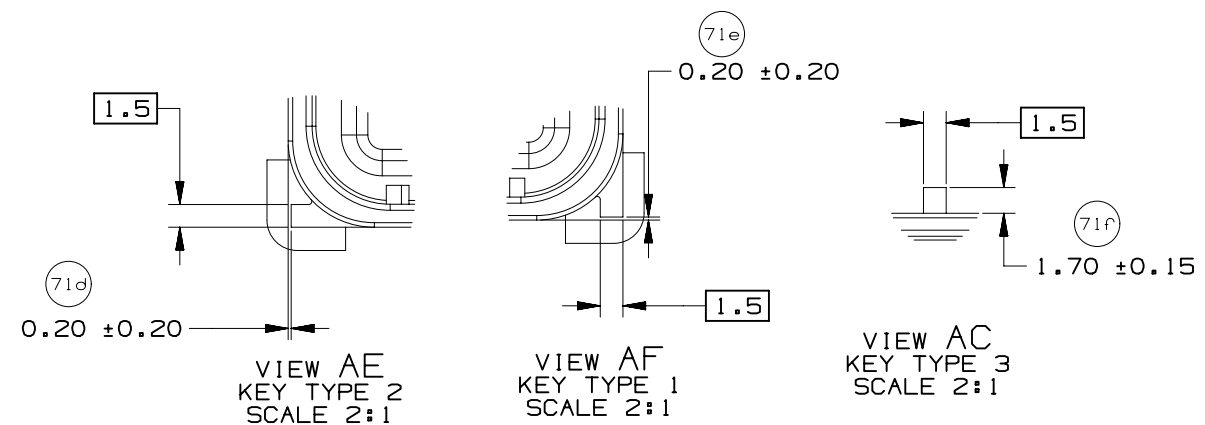
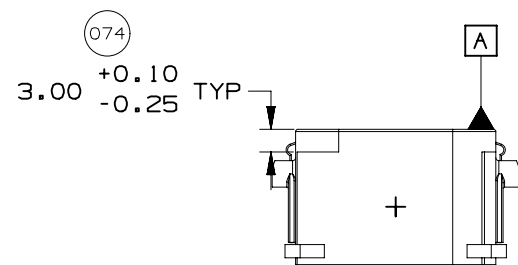
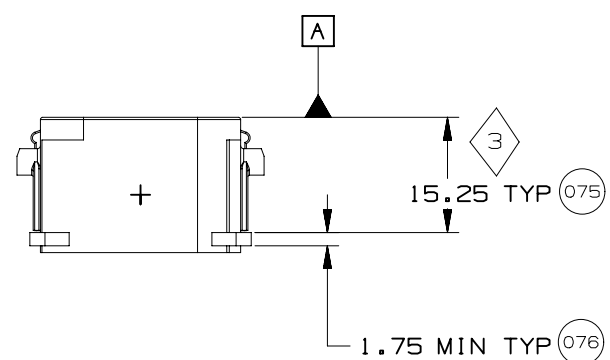
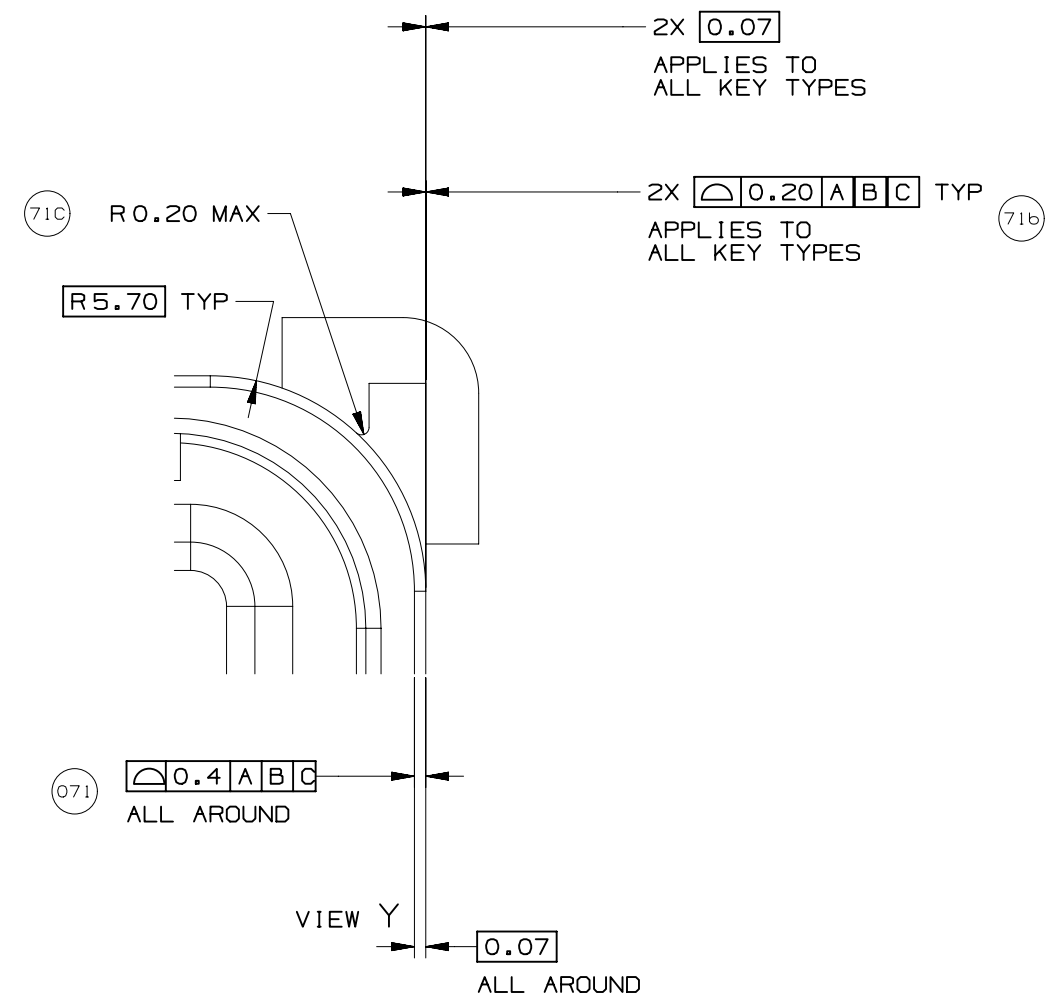
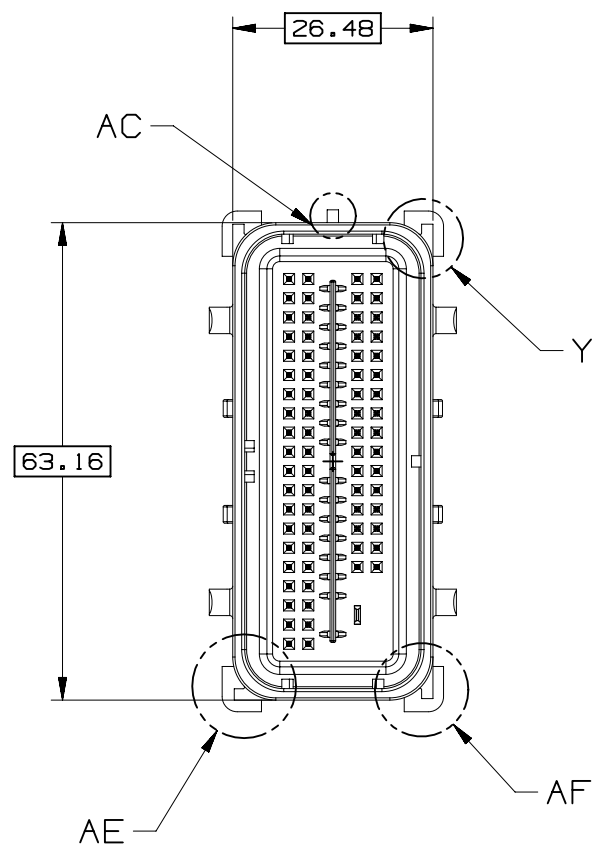
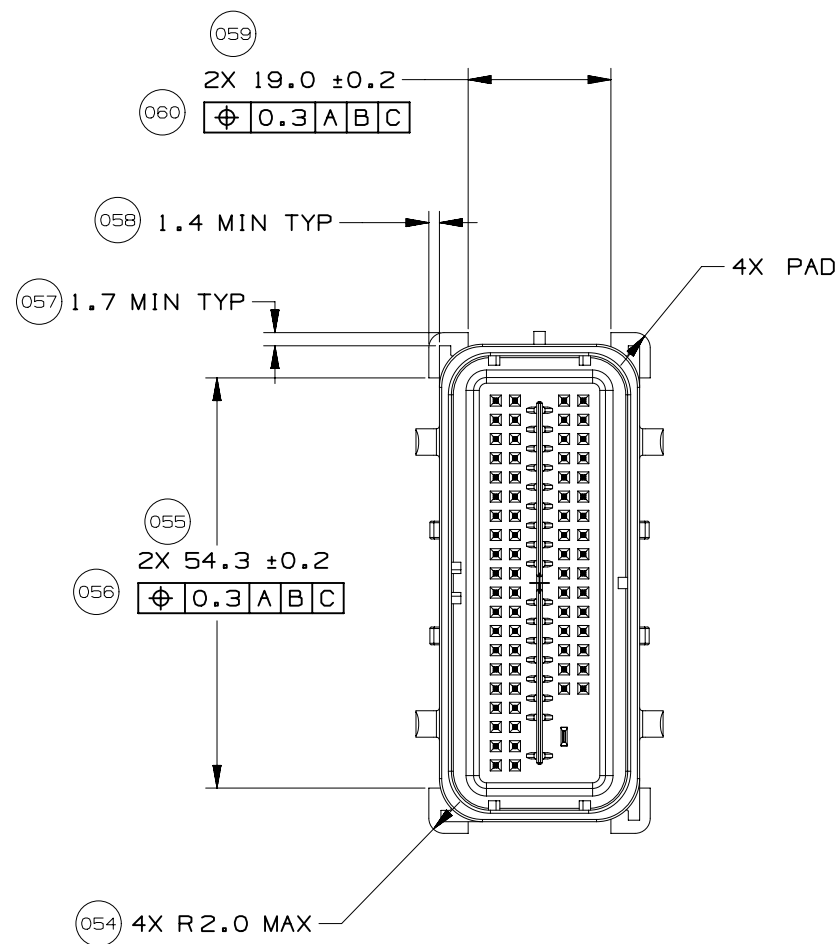


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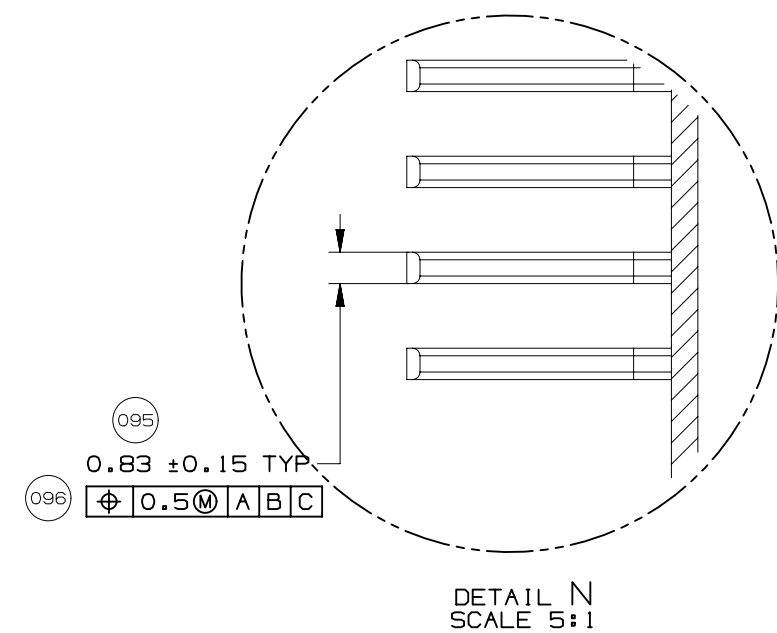
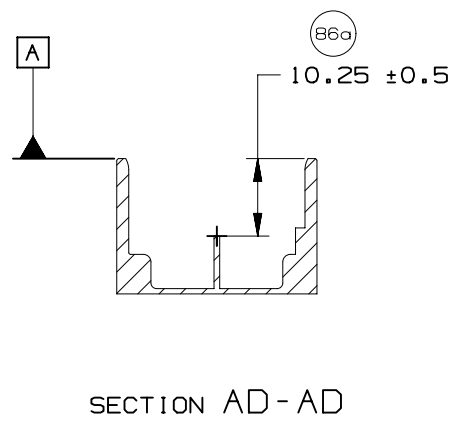
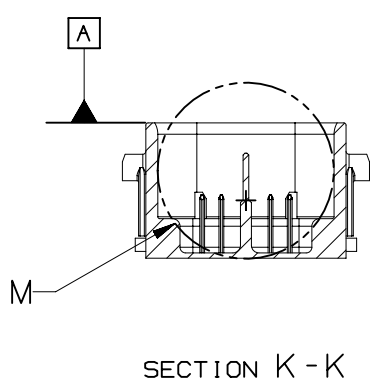
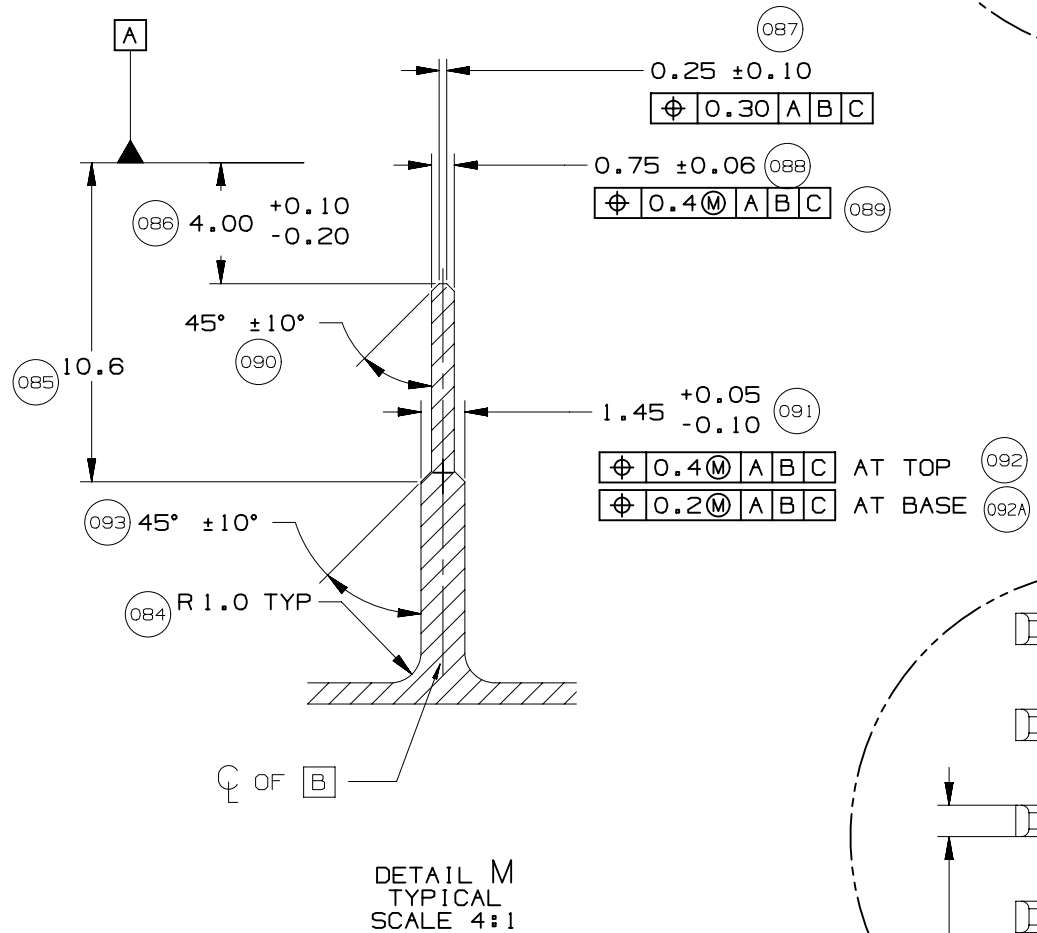
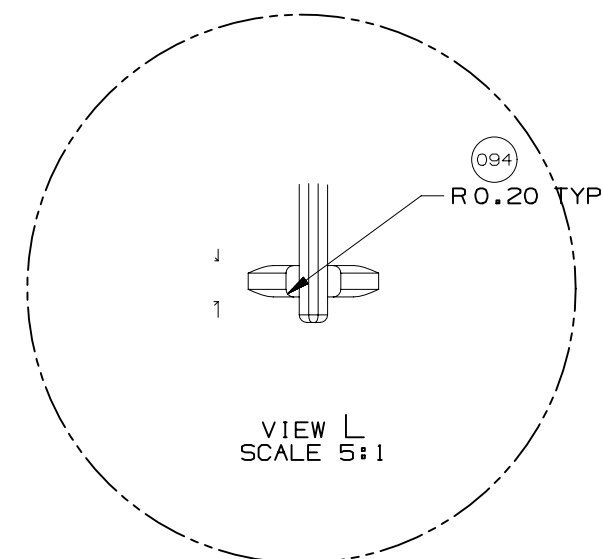
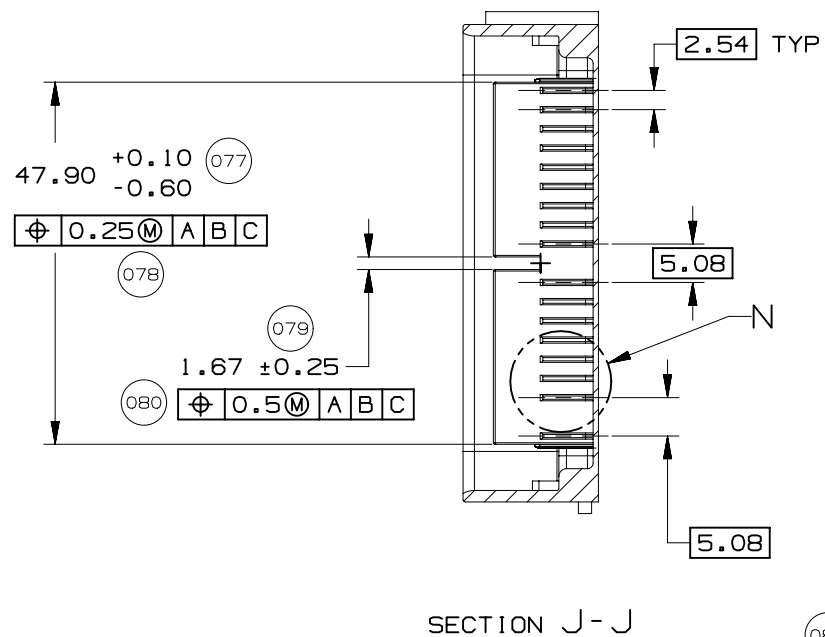
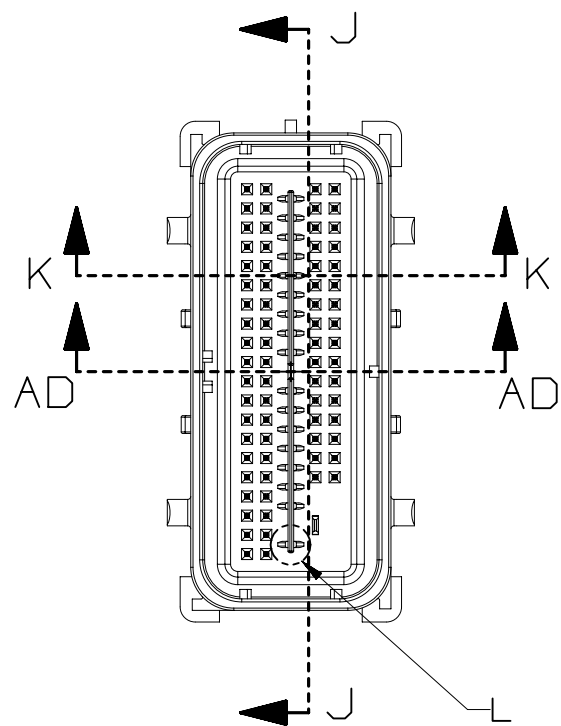


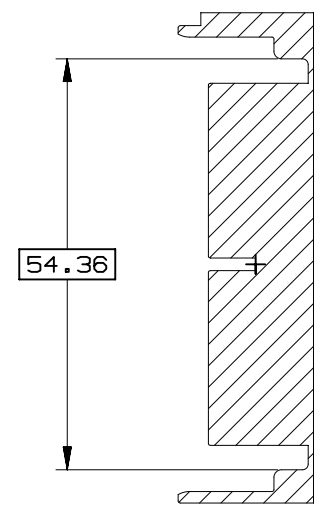
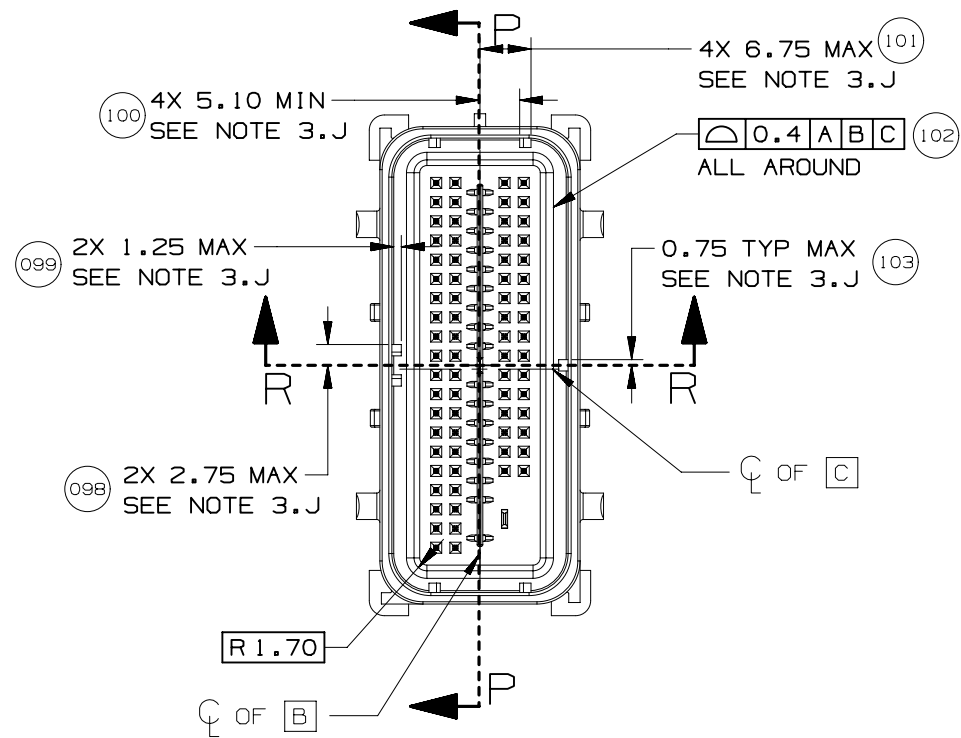


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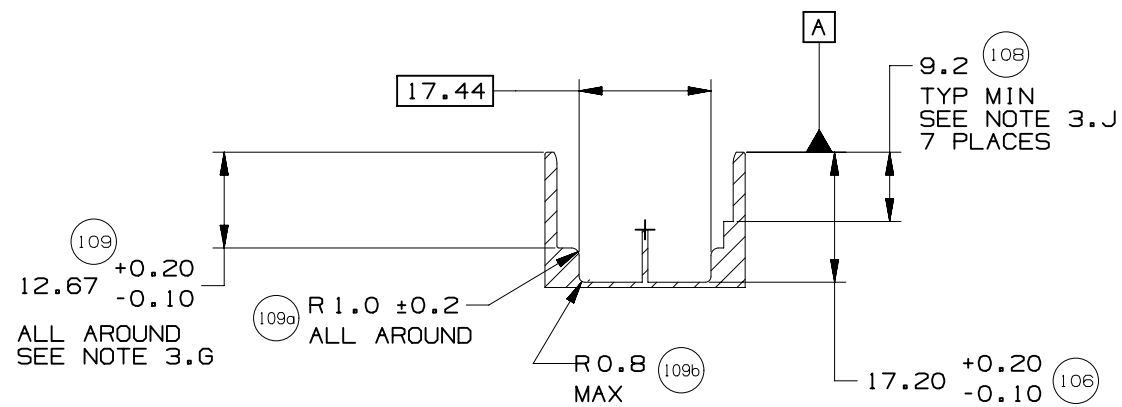
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SECTION P-P



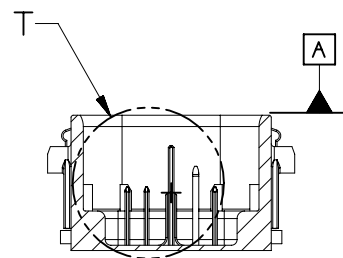
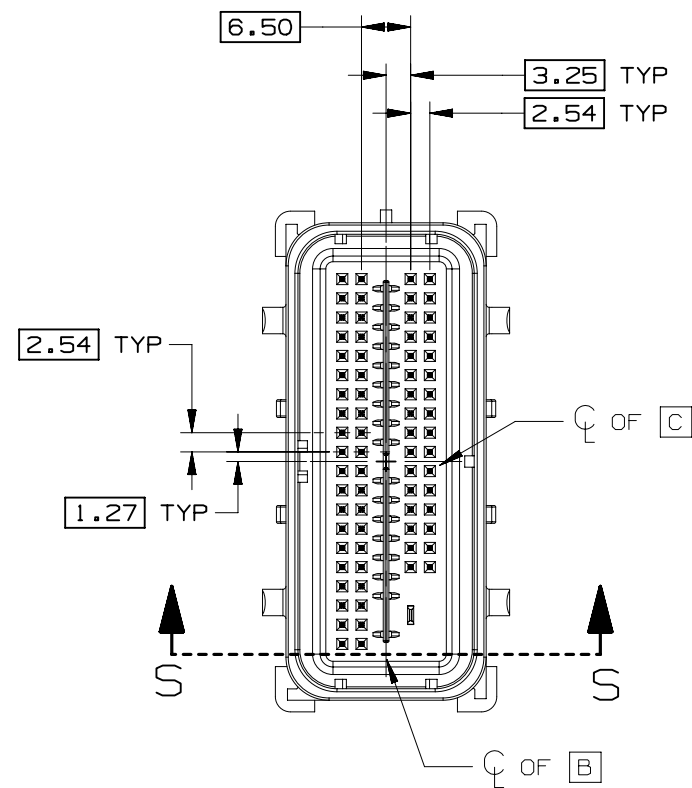
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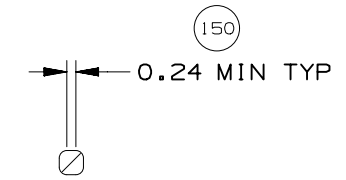
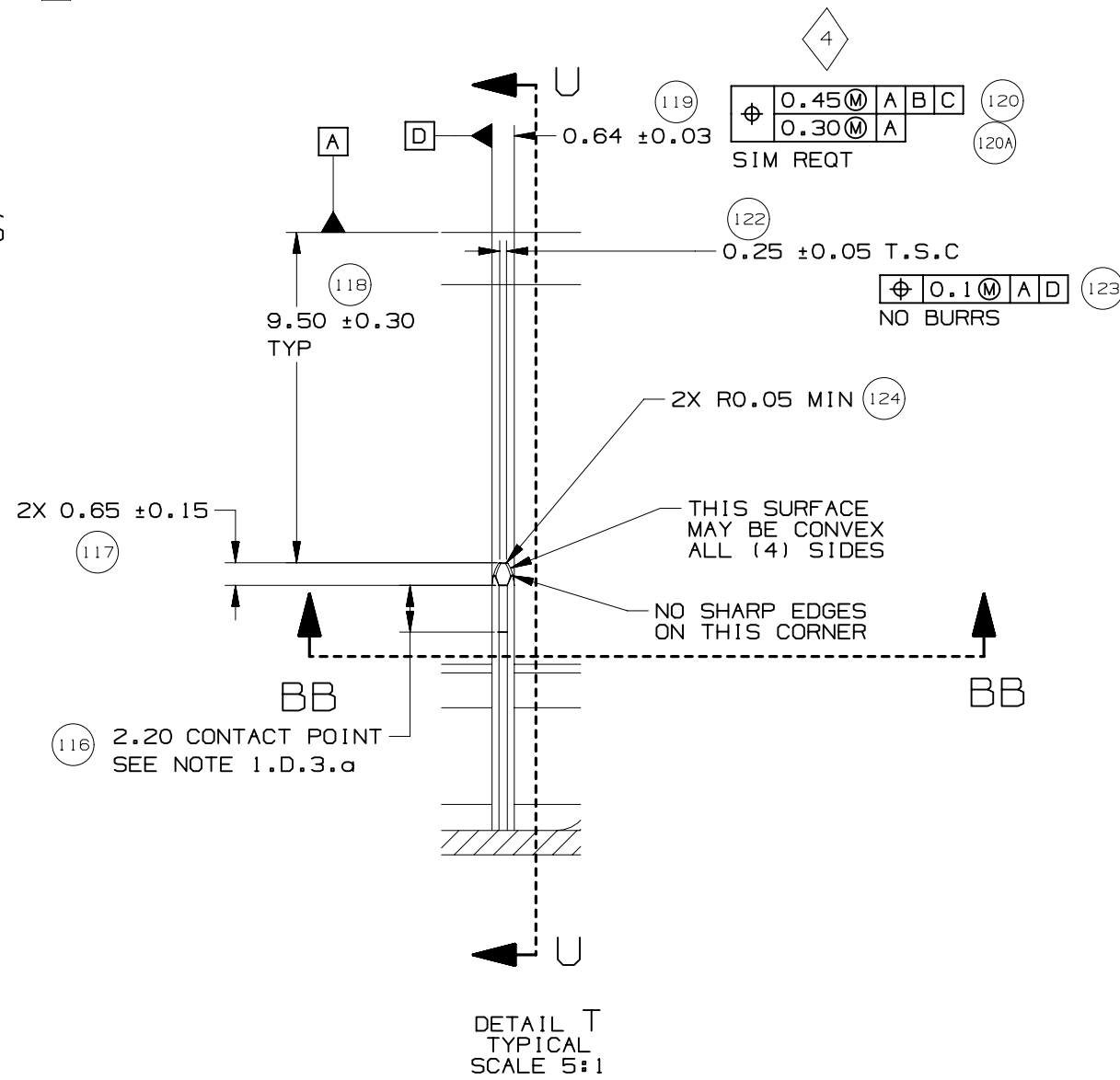
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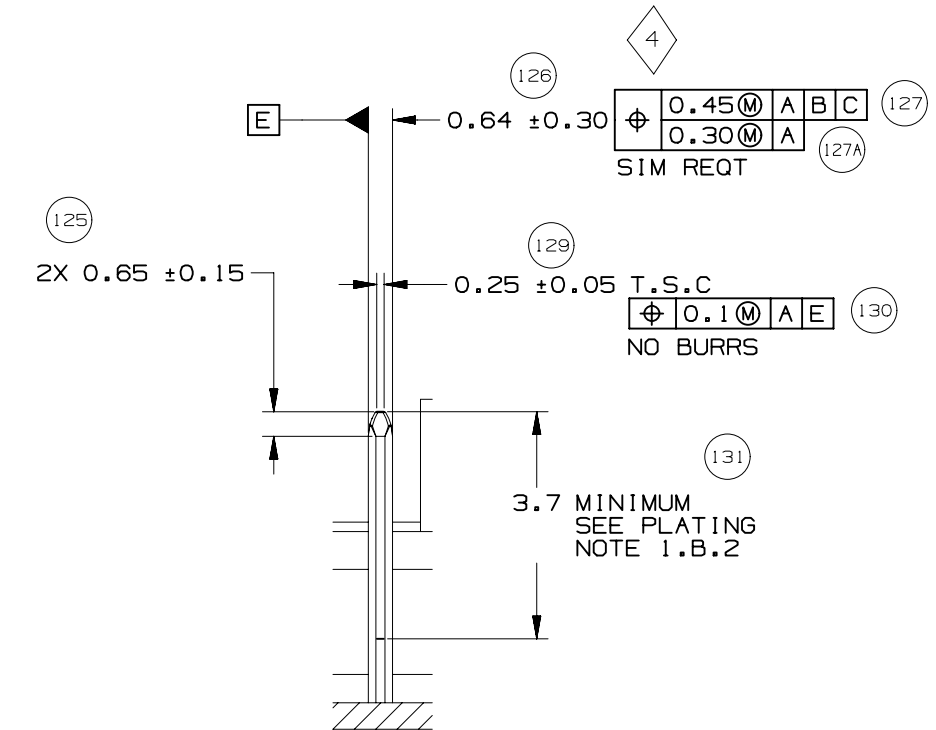
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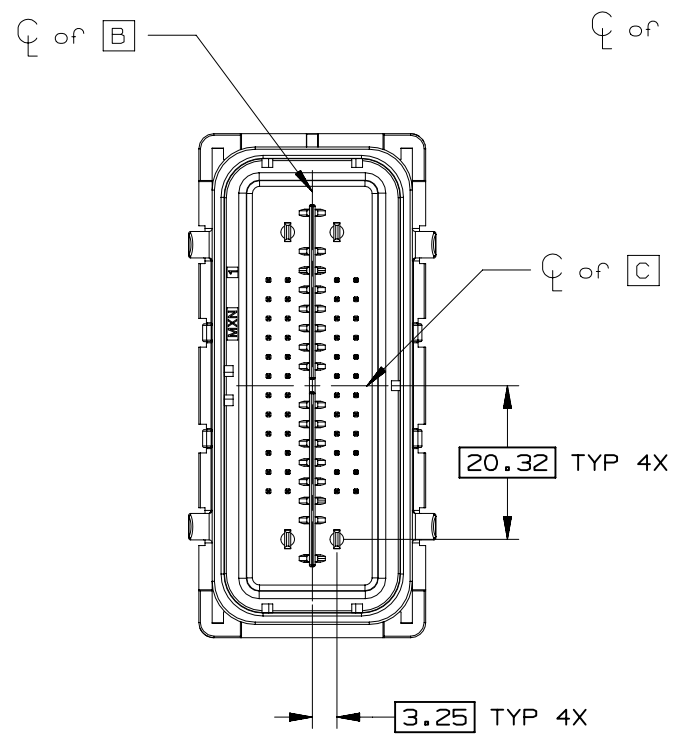


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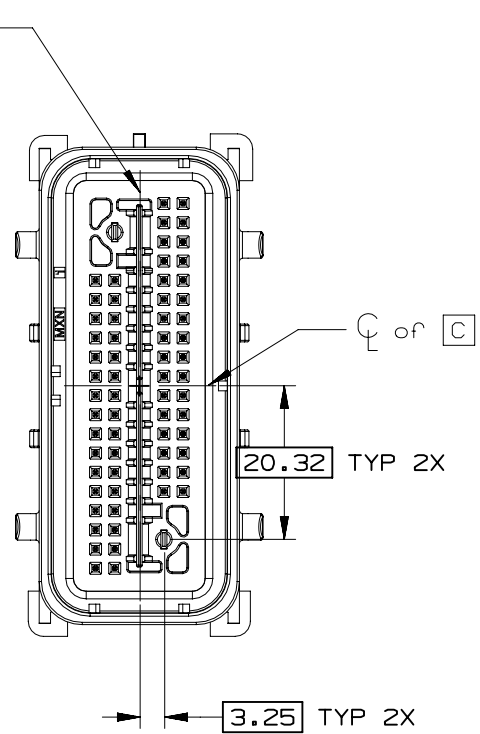


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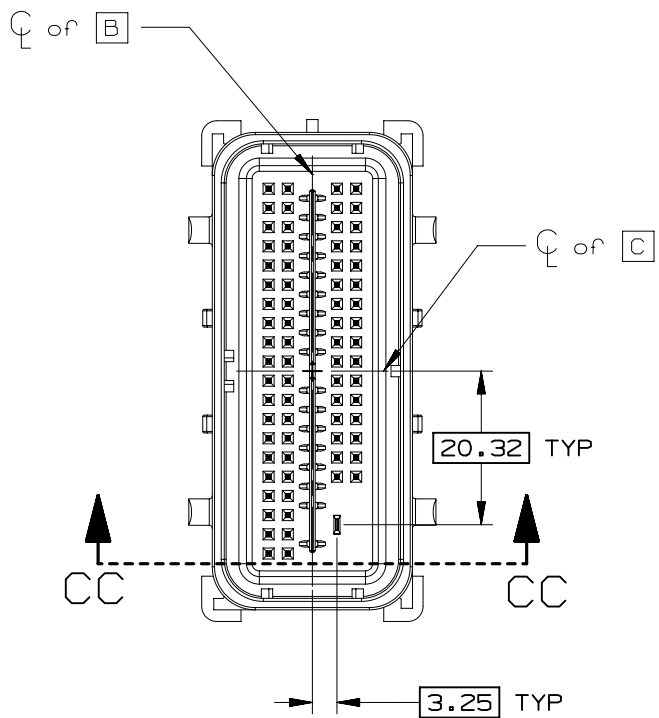




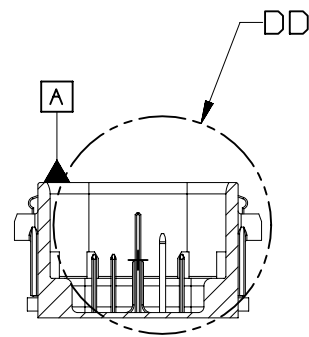
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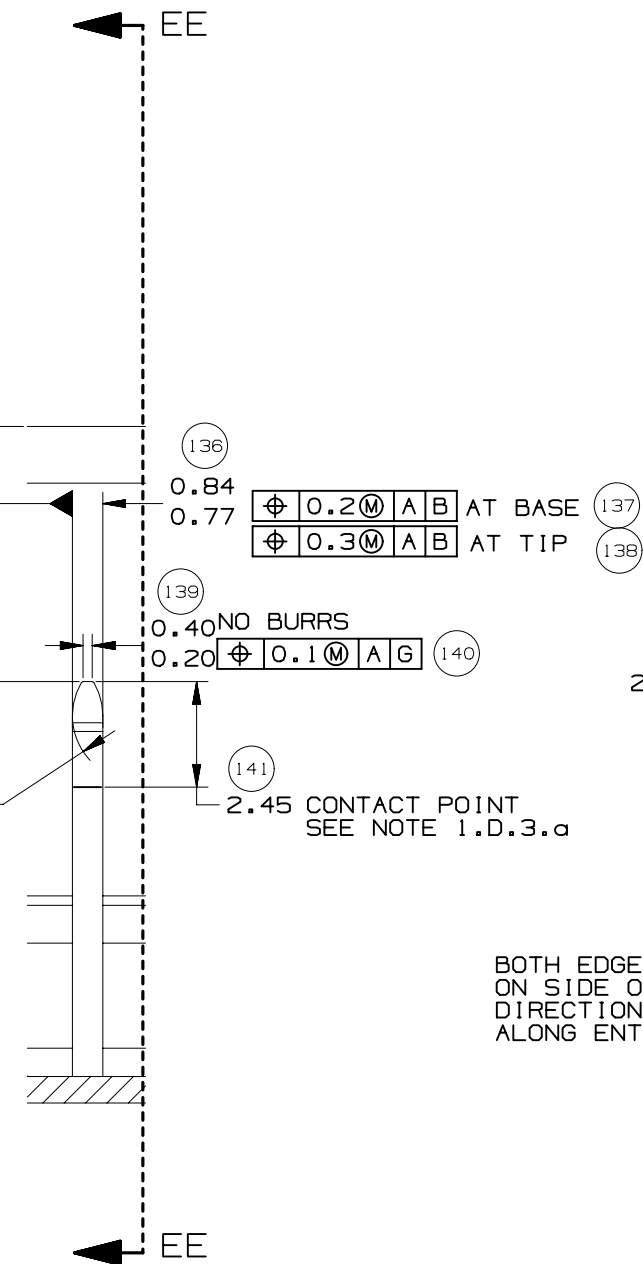
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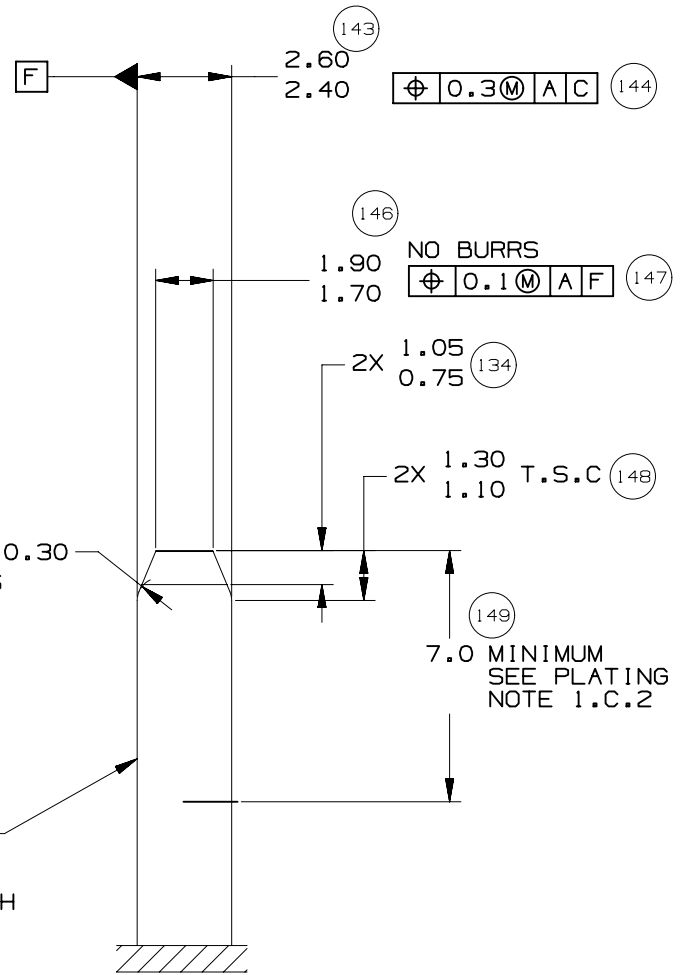
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CONNECTOR INTERFACE



SECTION CC-CC



DETAIL DD  
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SCALE 5:1

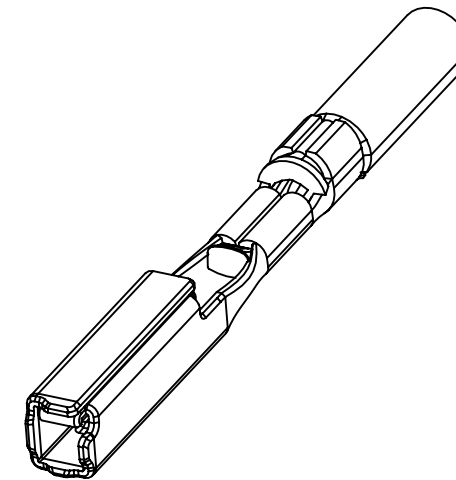
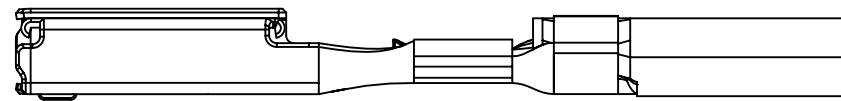
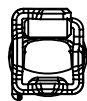


SECTION EE-EE  
TYPICAL



MOLEX MX64 RECEPTACLE TERMINAL INFORMATION

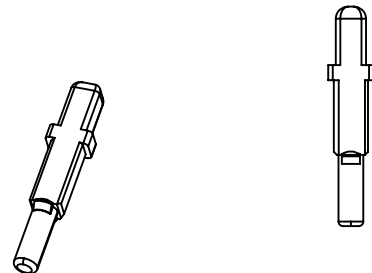
ITEM	MOLEX P/N	GM P/N	WIRE SIZE MM2	TYPE	PLATING	REEL WIND DIRECTION	COMMENTS
1	34736-0025		0.35	ISO	SILVER	LEFT	
2	34736-0026	12672850	0.35	ISO	SILVER	RIGHT	
3	34736-0027		0.5 / 0.75	ISO	SILVER	LEFT	
4	34736-0028	12672851	0.5 / 0.75	ISO	SILVER	RIGHT	



CAVITY PLUGS

ITEM	MFG	MFG P/N	GM P/N RD	SIZE	COLOR	MFG DRAWING	PROD SPEC	APP SPEC	COMMENTS
1	MOLEX	34586-0001	12674820	0.64	NATURAL	SD-34586-001	PS-34566-0000	AS-34566-001	
2	YAZAKI	7158-3114-90	12674821	2.8	BLUE	7158-3114-90	YPES-11-04-062	YPES-15-299	

ITEM 1



ITEM 2



PAGE TITLE  
ADDITIONAL COMPONENTS REQUIRED

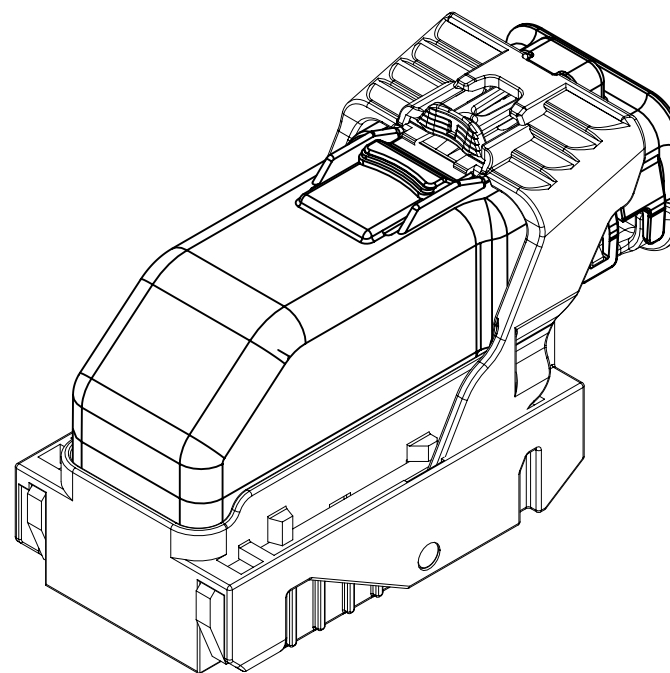
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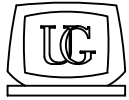
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ISO VIEW

	<p><b>UNLESS OTHERWISE SPECIFIED:</b> THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN A RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.</p>			DATE
	 CHANGE RESTRICTED NO MANUAL CHANGES	REFERENCE 12H (MOLEX AUTOMOTIVE)	DRAFTER APVD1	05JN15
DO NOT SCALE		APVD2		
METRIC DIMENSIONS SHOWN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED	DRAWING NAME	APVD3		
	HARNESS CONN ASM-SEALED 52/66/73/80 CKTS,MX123	APVD4		
		APVD5		
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PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					
	05JN15	R	001			RELEASED TO PRODUCTION AT DLS A	CRMRJE	DFK		

PAGE	DWG STATUS					REVISION HISTORY	AUTH	DR	CK	ENG
	DATE	ST	REV	CHG	PDI					

	PAGE TITLE	DRAWING NUMBER	DWG STATUS			PAGE NUMBER	
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KEY PRODUCT CHARACTERISTICS  
(IN ACCORDANCE WITH QN 1805 OR ON 1050)



SAFETY/COMPLIANCE

TOTAL ON  
DRAWING

4



FIT/FUNCTION

LAST NO.  
USED

4

NO	TYPE	DESCRIPTION	RATIONALE	PAGE/ZONE
1	F/F	32.68	IMPROVE CONNECTOR SYSTEM MATING	16
2	F/F	29.00	INSURE PROPER RELEASE OF LEVER	16
3	F/F	15.25	INSURE FINAL MATE POSITION	17
4	F/F	POSITIONAL TOLERANCE (2 PLACES)	INSURE CONNECTOR SYSTEM MATEABILITY	20



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LINE	MFG.	MFG. P/N	GM P/N	EFFECTIVE DATE	APPLICABLE COMPONENTS	KEY OPTION	WIRE DRESS OPTION	KEY CONFIG.	COLOR	STATUS
					DESCRIPTION					
-										
1	MOLEX	34565-0003	12582676	02JN03	MX123 DRESS COVER 52/66/73/80 CKT	N/A	N/A	N/A	BLACK	AVAILABLE
2	MOLEX	160094-0001	12672852	01SP13	MX123 HRNS CONN ASSY 52 CKT	A	0	1458	BLACK	AVAILABLE
3	MOLEX	160094-0003	12672854	01SP13	MX123 HRNS CONN ASSY 52 CKT	C	0	2467	BLUE	AVAILABLE
4	MOLEX	160094-0013	12672853	01SP13	MX123 HRNS CONN ASSY 52 CKT	A	9	1458	BLACK	AVAILABLE
5	MOLEX	160094-0015	12672855	01SP13	MX123 HRNS CONN ASSY 52 CKT	C	9	2467	BLUE	AVAILABLE
6	MOLEX	34822-0013	12672856	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	0	1458	BLACK	AVAILABLE
7	MOLEX	34822-0033	12672858	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	0	2467	BLUE	AVAILABLE
8	MOLEX	34822-0023	12672857	01SP13	MX123 HRNS CONN ASSY 66 CKT	A	9	1458	BLACK	AVAILABLE
9	MOLEX	34822-0043	12672859	01SP13	MX123 HRNS CONN ASSY 66 CKT	C	9	2467	BLUE	AVAILABLE
10	MOLEX	34566-0103	12672860	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	0	1458	BLACK	AVAILABLE
11	MOLEX	34566-0203	12672862	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	0	1468	ST GRAY	AVAILABLE
12	MOLEX	34566-0303	12672864	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	0	2467	BLUE	AVAILABLE
13	MOLEX	34566-0603	12672866	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	0	1357	NATURAL	AVAILABLE
14	MOLEX	34566-1303	12672861	11JN04	MX123 HRNS CONN ASSY 73 CKT	A	9	1458	BLACK	AVAILABLE
15	MOLEX	34566-1403	12672863	11JN04	MX123 HRNS CONN ASSY 73 CKT	B	9	1468	ST GRAY	AVAILABLE
16	MOLEX	34566-1503	12672865	09AP08	MX123 HRNS CONN ASSY 73 CKT	C	9	2467	BLUE	AVAILABLE
17	MOLEX	34566-1803	12672867	05DC14	MX123 HRNS CONN ASSY 73 CKT	F	9	1357	NATURAL	AVAILABLE
18	MOLEX	34566-0703	12672872	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	0	1358	BLUE	AVAILABLE
19	MOLEX	34566-0803	12672870	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	0	2458	ST GRAY	AVAILABLE
20	MOLEX	34566-0903	12672868	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	0	2457	BLACK	NOT ACTIVE
21	MOLEX	34566-1903	12672873	09AP08	MX123 HRNS CONN ASSY 80 CKT	G	9	1358	BLUE	AVAILABLE
22	MOLEX	34566-2003	12672871	11JN04	MX123 HRNS CONN ASSY 80 CKT	H	9	2458	ST GRAY	AVAILABLE
23	MOLEX	34566-2103	12672869	T.B.D	MX123 HRNS CONN ASSY 80 CKT	J	9	2457	BLACK	NOT ACTIVE
24	MOLEX	34736-0028	12672851	01AU10	MX64 RCPT TERM Ag 0.5mm/0.75mm ISO GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
25	MOLEX	34736-0026	12672850	01AU10	MX64 RCPT TERM Ag 0.35mm ISO GAGE B (RIGHT PAYOFF)	N/A	N/A	N/A	N/A	AVAILABLE
26	MOLEX	34586-0001	12674820	11JN04	MX123 0.64mm GROMMET PLUG	N/A	N/A	N/A	NATURAL	AVAILABLE
27	YAZAKI	7116-4150-02	12588066	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 0.35mm2-0.50mm2	N/A	N/A	N/A	N/A	NOT ACTIVE
28	YAZAKI	7116-4151-02	12588067	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 0.75mm2-1.0mm2	N/A	N/A	N/A	N/A	NOT ACTIVE
29	YAZAKI	7116-4152-02	12582685	02JN03	2.8mm YESC SEALED FEMALE TERMINAL TIN 1.5mm2-2.5mm2	N/A	N/A	N/A	N/A	AVAILABLE
30	YAZAKI	7158-3111-60	12588068	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.2mm-1.9mm)	N/A	N/A	N/A	GREEN	NOT ACTIVE
31	YAZAKI	7158-3112-70	12588069	02JN03	2.8mm CABLE SEAL (wire O.D. range 1.8mm-2.3mm)	N/A	N/A	N/A	YELLOW	NOT ACTIVE
32	YAZAKI	7158-3113-40	12582686	02JN03	2.8mm CABLE SEAL (wire O.D. range 2.1mm-3.0mm)	N/A	N/A	N/A	WHITE	AVAILABLE
33	YAZAKI	7158-3114-90	12674821	02JN03	2.8mm YESC CAVITY PLUG	N/A	N/A	N/A	BLUE	AVAILABLE
34	MOLEX	63825-8400	N/A	02JN03	MX64 TERM HAND CRIMP TOOL	N/A	N/A	N/A	N/A	AVAILABLE
35	MOLEX	63813-1400	XX019826	02JN03	MX64 TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE
36	MOLEX	63902-5300	N/A	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 0.5/0.75mm2 PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
37	MOLEX	63902-5370	N/A	02JN03	MX64 APPLICATOR TOOL KIT 0.5/0.75mm2	N/A	N/A	N/A	N/A	AVAILABLE
38	MOLEX	63902-5100	N/A	02JN03	MX64 CRIMP APPLICATOR with TOOL KIT 0.35mm2 PAYOFF DIRECTION D (left payoff) (contact Molex for payoff detail)	N/A	N/A	N/A	N/A	AVAILABLE
39	MOLEX	63902-5170	N/A	02JN03	MX64 APPLICATOR TOOL KIT 0.35mm2	N/A	N/A	N/A	N/A	AVAILABLE
40	SPX	J35616-64	T.B.D.	02JN03	0.64mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
41	SPX	J35616-64A	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
42	SPX	J35616-65	T.B.D.	02JN03	0.64mm PROBE TOOL WITH EXT (for pin)	N/A	N/A	N/A	N/A	AVAILABLE
43	SPX	J35616-4A	T.B.D.	02JN03	2.8mm PROBE TOOL (for rcpt)	N/A	N/A	N/A	N/A	AVAILABLE
44	YAZAKI	X39899-J374	12094430	02JN03	2.8mm TERM SERVICE TOOL	N/A	N/A	N/A	N/A	AVAILABLE
45	TQI	7000-1006	N/A	15JN15	52 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE
46	TQI	7000-1002	N/A	15JN15	66 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE
47	TQI	79917-0061	N/A	15JN15	73 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE
48	TQI	79917-0066	N/A	15JN15	80 CKT PASS THROUGH ADAPTERS	N/A	N/A	N/A	BLACK	AVAILABLE

\* - MX123 DRESS COVER 52/66/73/80 CKT MATES TO ANY MX123 HARN CONN ASSY SHOWN ON TABLE ABOVE

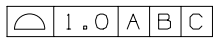
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NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL FOR INTERFACE:


- A. RESIN:
  - 1. 30% G.F. PBT; 20% MAX. (BY WEIGHT) REGRIND.
  - 2. MATING CONNECTOR INTERFACE PART COLOR MUST BE SAME AS MATCHING KEYED HARNESS CONNECTOR ASSEMBLY.
  - 3. MUST BE VALIDATED FOR INDIVIDUAL DEVICE APPLICATION REQUIREMENTS.
- B. 0.64MM PINS:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 635 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: SILVER (Ag). PLATING TO BE 1.9-3.3 μm ELECTRODEPOSITED SEMI-BRIGHT SILVER OVER 1.25-2.25 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
  - 3. ANTI-TARNISH: SYNTHETIC HYDROCARBON CONTACT SURFACE FINISH OR EQUIVALENT APPLIED WITHOUT VOID TO CONTACT AREA (MIN 3.7mm FROM PIN TIP).
- C. 2.8MM BLADE:
  - 1. BASE MATERIAL: COPPER ALLOY; CONDUCTIVITY >= 28% IACS AT 20°C; TENSILE STRENGTH >= 350 N/mm<sup>2</sup>; SURFACE ROUGHNESS R<sub>a</sub> 6 MAX.
  - 2. PLATING FINISH: TIN. PLATING TO BE 2.5-5.0 μm ELECTRODEPOSITED TIN, MATTE FINISH OVER 1.25-2.5 μm DUCTILE SULPHAMATE NICKEL PER NOTE 1(D).
- D. PLATING REQUIREMENTS:
  - 1. SILVER PLATING
    - a. 99.5% PURE SEMI-BRIGHT WITH NO ORGANIC BRIGHTNERS OR CHROMATES.
  - 2. NICKEL PLATING
    - a. ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL WITH A NON-BRIGHTENED FINISH. NO ORGANIC OR BRIGHTENING AGENTS SHALL BE ALLOWED.
    - b. SHALL ONLY BE USED AS AN UNDERLYING PLATING AND MAY NOT BE USED AS AN ELECTRICAL CONTACT SURFACE PLATING.
    - c. SHALL BE NODULE FREE WHEN VIEWED AT 10X MAGNIFICATION IN MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA.
    - d. ALL PLATINGS SHALL HAVE A 1.0% MAXIMUM BY WEIGHT IMPURITIES. IMPURITIES ARE DEFINED AS ALL ELEMENTS NOT THE PRIMARY PLATING OR HARDENING AGENT IF APPLICABLE, AS DETERMINED BY WET CHEMICAL ANALYSIS OR AUGER METHOD. NO SINGLE IMPURITY SHALL EXCEED 0.1% MAXIMUM BY WEIGHT.
  - 3. TESTING
    - a. THICKNESS TO BE MEASURED IN CONTACT SURFACE AREA PLUS 0.5MM PERIMETER AROUND THE CONTACT SURFACE AREA AS DESIGNATED IN THE DRAWING. THICKNESS SHALL BE DETERMINED BY METHOD OF X-RAY (XRF).
    - b. PLATING ADHESION SHALL BE TESTED BY A BEND TEST FOR ALL METALS. THE TEST SAMPLE SHALL BE BENT 90 DEGREES TO DETERMINE DEPOSIT ADHESION. TESTING SHALL BE COMPLETED IN ACCORDANCE WITH ASTM SPEC B571.

2. DESIGN - GENERAL:

- A. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- B. TOLERANCES:
  - 1. LINEAR
    - 0.X ± 0.30
    - 0.XX ± 0.10
    - 0.XXX ± 0.10
  - 2. ANGULAR X° ± 3°
  - 3. 
- C. MINIMUM WALL THICKNESS REQUIRED: 1.3mm.
- D. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- E. LETTERING SHALL BE 0.15 MAX RAISED IN 0.20 MAX RECESS PAD. THIS INCLUDES MATERIAL CODE, RECYCLING CODE, CAVITY ID AND DATE CODE.
- F-1. PARTS MUST BE FREE OF DISCOLORATION, SALT RESIDUE AND OTHER IMPERFECTIONS THAT AFFECT FIT OR FUNCTION.
- F-2. SCRATCHES OR DENTS NOT TO EXCEED 0.013mm IN DEPTH.
- G. FOLLOWING PRODUCTION CODES TO BE PERMANENTLY MARKED & HUMAN READABLE TO A LETTER HEIGHT OF 1.5 ± 0.5MM X 0.3 MAX DEEP
  - 1. MATERIAL #: XXXXX-XXXX
  - 2. DATE CODE: JJJY (JULIAN DAY, LAST DIGIT OF YEAR)
  - 3. INSPECTION MACHINE CODE + SERIAL #: X\_XXXXX

3. DESIGN - MANUFACTURING:

- A. DRAFT TO BE WITHIN TOLERANCE.
- B. ALLOWABLE FLASH MAX 0.2 HIGH X MAX 0.13 THICK.
- C. ALLOWABLE PARTING LINE MISMATCH 0.2 MAX.
- D. EJECTOR PINS MARK TO BE FLUSH TO 0.25 MAX DEPRESSED.
- E. ALLOWABLE GATE VESTIGE FLUSH TO 0.25 MAX PROTRUSION.
- F. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING.
- G. STEEL THAT FORMS THE INDICATED SURFACE MUST BE POLISHED WITH A DIAMOND FINISH (SPI A-2) OVER THE FULL PERIPHERY OF THE TOOL. SURFACE MUST HAVE NO MISMATCH.
- H. ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE IT'S ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1008 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
- J. OPTIONAL FEATURES PROVIDED FOR AUTOMATION.
- K. PART MUST BE FREE FROM BURRS AND SHARP EDGES, WHICH MIGHT BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, SAFE HANDLING OR FUNCTION OF PART.
- L. PARTS AS DELIVERED TO ASSEMBLY SHALL BE CLEAN AND FREE OF DEBRIS, RESIDUAL ABRASIVE MATERIAL AND CORROSION PRODUCTS ADVERESLY AFFECTING FUNCTION OR APPEARANCE.
- M. RESTRICTED AND REPORTABLE SUBSTANCES FOR PARTS PER GMW3059.

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NOTES: UNLESS OTHERWISE SPECIFIED

4. SYSTEM REQUIREMENTS:

- A. HARNESS CONNECTOR IS COMPATIBLE WITH THE FOLLOWING ISO WIRE SIZE NO'S:  
 0.35mm<sup>2</sup>, MEETING GMW15626 - MIN OD OF 1.30MM  
 0.50mm<sup>2</sup>, MEETING GMW15626  
 0.75mm<sup>2</sup>, MEETING GMW15626 - MAX OD OF 2.06MM

B. CABLE TIE SPECIFICATIONS:

1. CABLE TIE:
  - TENSILE RATING: 220N / (50lbs) MIN
  - TIE LENGTH: 186mm MIN
  - TIE WIDTH: 4.75mm MAX
  - MATERIAL: NYLON
2. INSTALLATION:
  - CABLE TIE TENSION: 190N MIN
3. DRESSED WIRE BUNDLE PACKAGING: SEE FIG. 1

C. WHEN MATED WITH COMPONENT CONNECTOR INTERFACE AND/OR DRESS COVER, HARNESS CONNECTOR SYSTEM CONFORMS TO THE FOLLOWING:

1. SAE/USCAR-2, REV: 3 APRIL, 2001; CLASS 3
2. FIELD CORRELATED LIFE TEST, SAE/USCAR-20, NOV. 2001
3. GMW #3191 AUGUST 22, 2000 (DRAFT); TEMPERATURE CLASS 3, SEALING CLASS 1, VIBRATION CLASS 2
4. RESTRICTED AND REPORTABLE CHEMICALS PER GMW #3059, REV: D AUGUST 2002
5. TPA USER FORCES (FULLY POPULATED WITH TERMINALS)
  - a. REMOVAL FROM LOCK TO PRE-SET: <=120N

D. WIRE SPECIFICATIONS:

1. WIRE SURFACE MUST BE FREE OF SCRATCHES, GROOVES OR DENTS WHERE FUNCTIONAL

5. TERMINAL CURRENT RATINGS:

A. MX64 RCPT TERM

ALL TESTING DONE IN ACCORDANCE WITH USCAR-2 REV5 SECTION 5.3

1. MX64 RCPT TERM Ag 0.50/0.75mm<sup>2</sup> CRIMPED TO 0.75mm<sup>2</sup> ISO WIRE AND MATED TO MX123 0.64MM PIN: SEE TABLE BELOW
2. MX64 RCPT TERM Ag 0.35mm<sup>2</sup> CRIMPED TO 0.35mm<sup>2</sup> ISO WIRE AND MATED TO MX123 0.64MM PIN: SEE TABLE BELOW

WIRE	CURRENT RATING			
	23°C	85°C	105°C	125°C
0.75mm <sup>2</sup>	11.3A	11.3A	9.5A	6.6A
0.50mm <sup>2</sup>	10.0A	10.0A	8.3A	5.7A
0.35mm <sup>2</sup>	8.5A	8.5A	7.1A	5.0A

B. 2.8MM RCPT TERM

ALL TESTING DONE IN ACCORDANCE WITH MOLEX DVP&R 0279 (TR # 7125)

1. 2.8MM RCPT TERM TIN 2.0mm<sup>2</sup> CRIMPED TO 2.0mm<sup>2</sup> ISO WIRE AND MATED TO MX123 2.8MM BLADE: 25.6 AMPS AT 125°C

6. CONTACT MOLEX AUTOMOTIVE FOR AVAILABLE CUSTOM PATTERNS OF CAVITIES OPEN FOR CIRCUITS - SEE GM DRAWING 13507496



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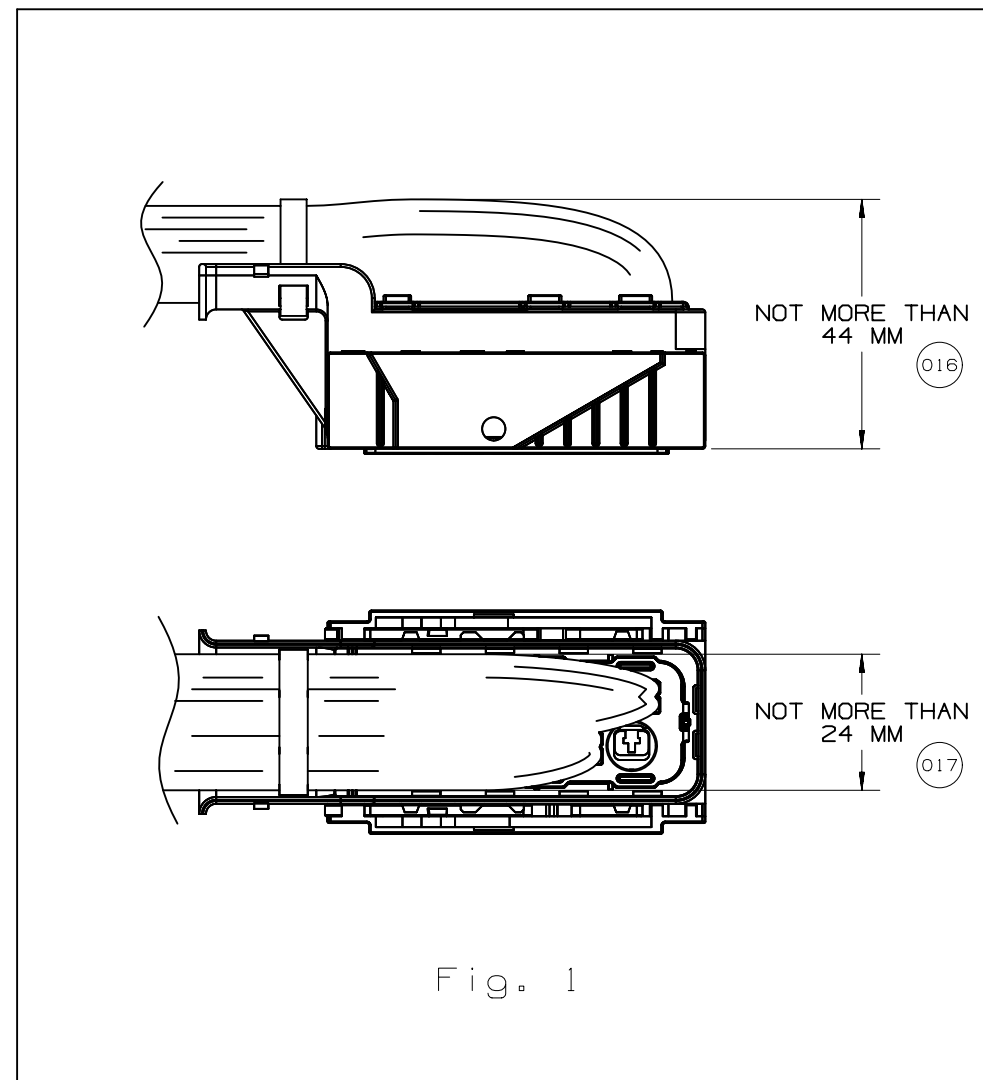
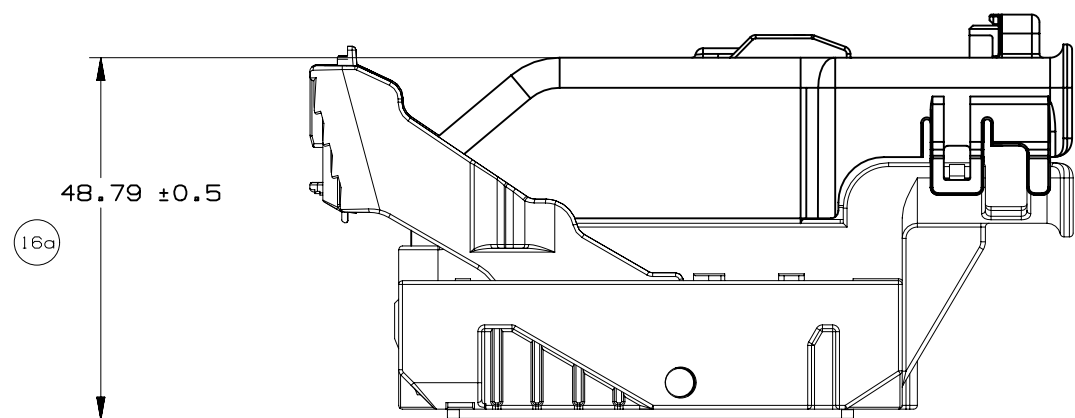
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DWG STATUS

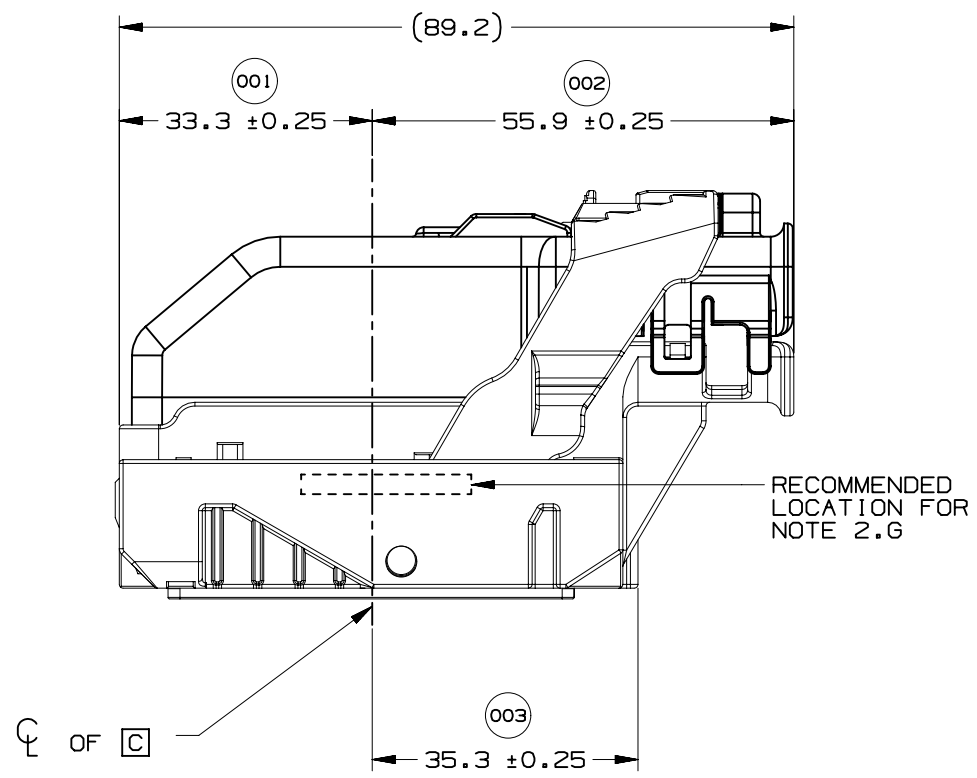
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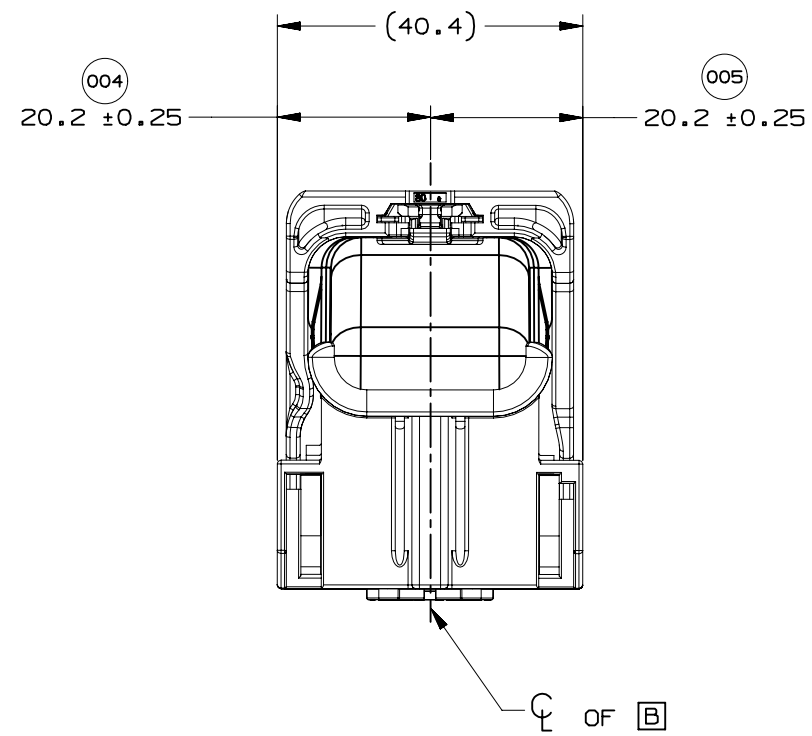
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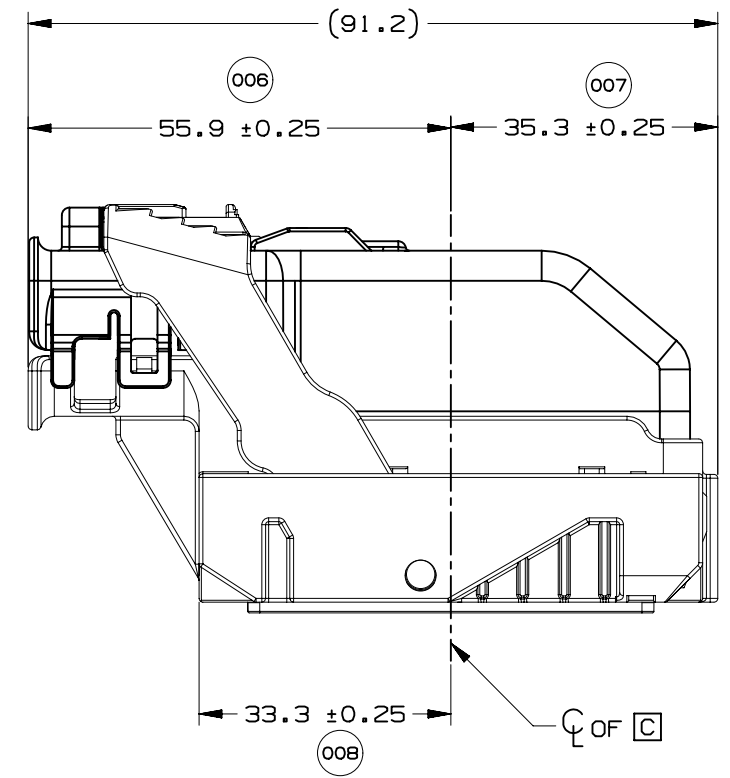




WIRE DRESS OPTION 0 SHOWN

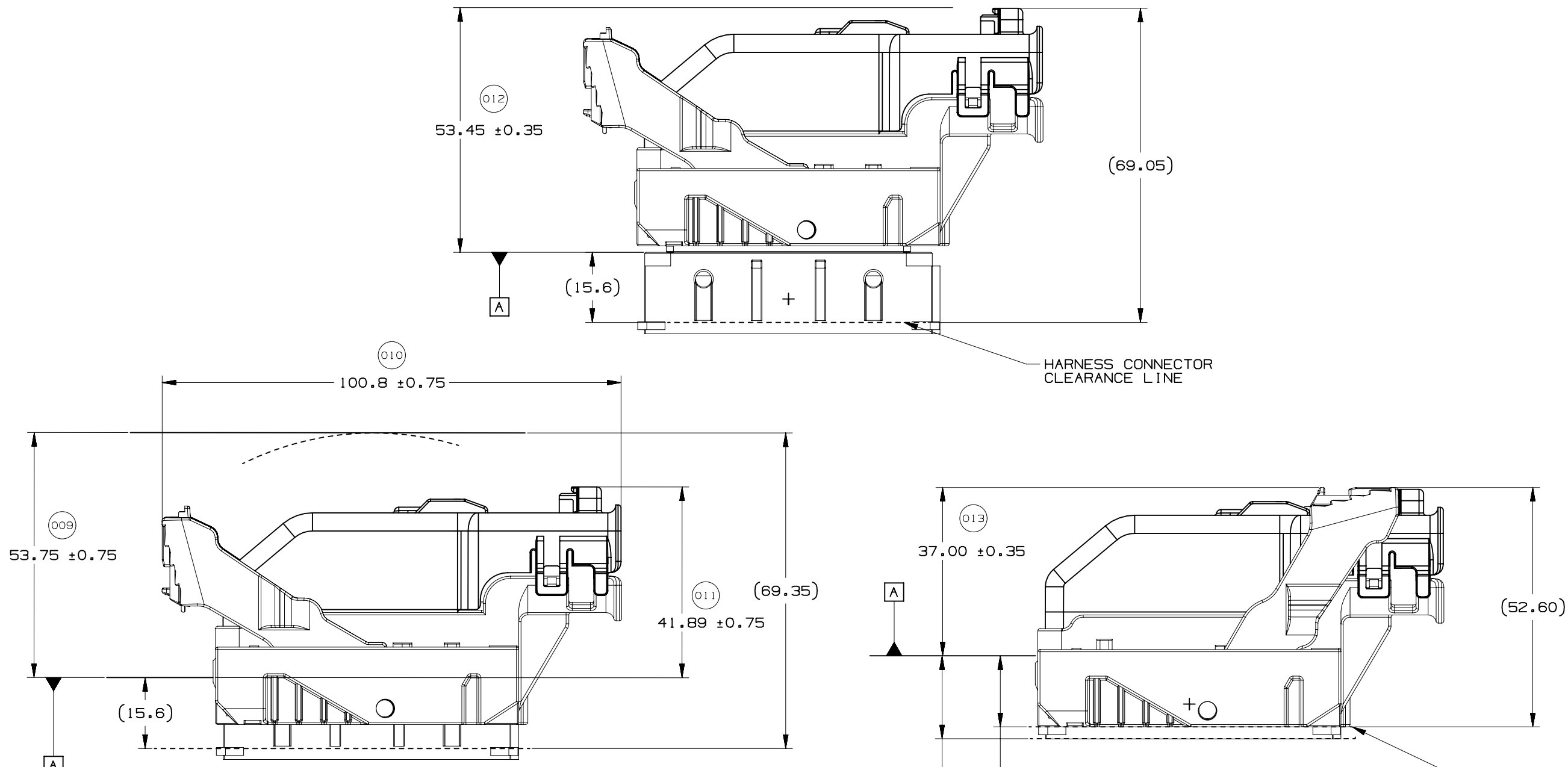


WIRE DRESS OPTION 0 SHOWN



WIRE DRESS OPTION 9 SHOWN





HARNESS CONNECTOR CLEARANCE LINE

HARNESS CONNECTOR ASSEMBLY IN FULLY-MATED POSITION

HARNESS CONNECTOR CLEARANCE LINE

15.6 MIN. ALL AROUND CLEARANCE REQUIRED FOR HARNESS CONNECTOR (014)

17.9 MIN. AT PAD LOCATION CLEARANCE REQUIRED FOR HARNESS CONNECTOR CONSTRUCTION BELOW THIS PLANE IS NOT CONTROLLED (015)

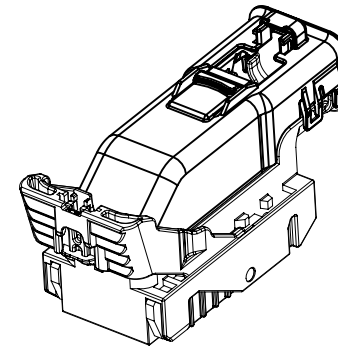
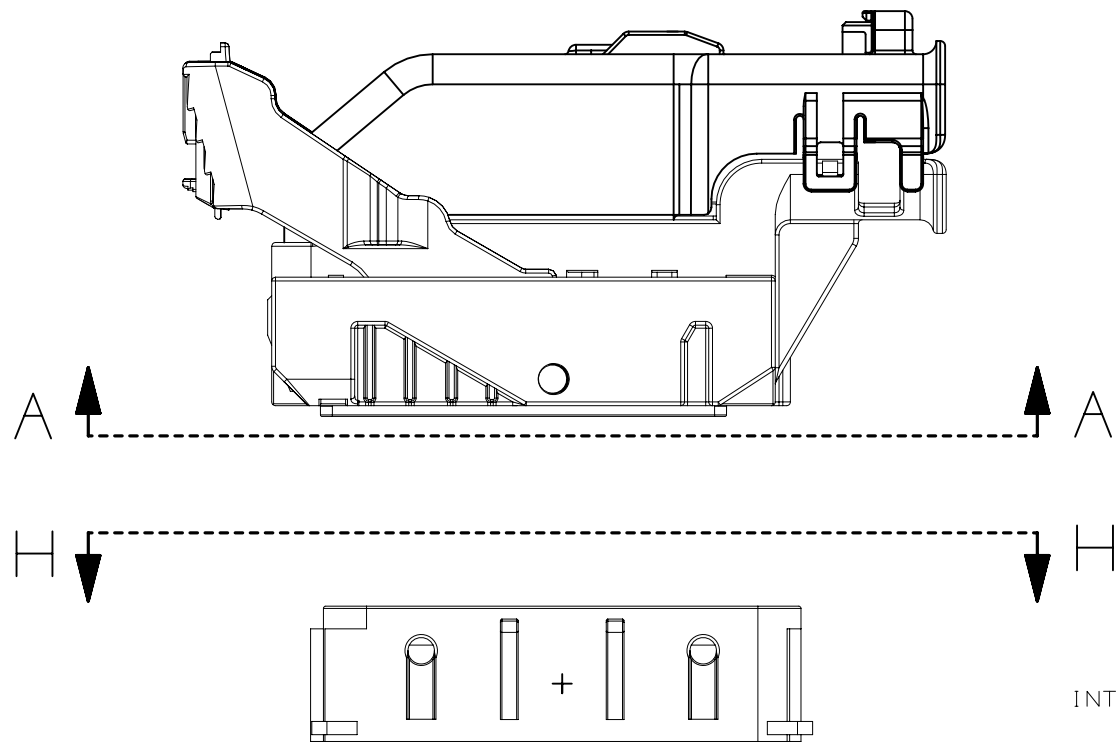


PAGE TITLE  
LOCATION AND PACKAGING DIMENSIONS  
REFERENCING INTERFACE DATUM A

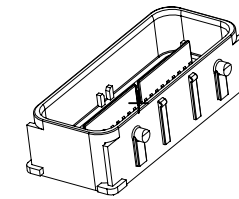
DRAWING NUMBER  
12672833

DWG STATUS		
ST	REV	PD1
R	001	

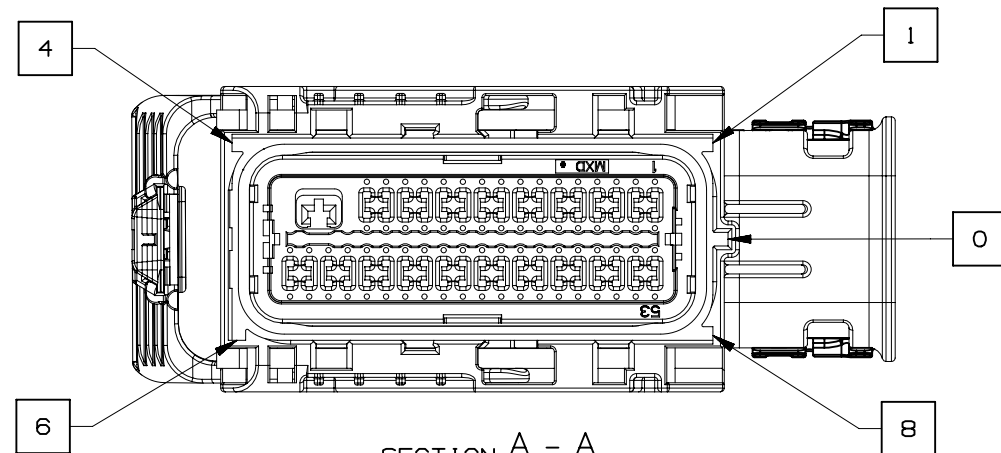
PAGE NUMBER  
10 OF 22



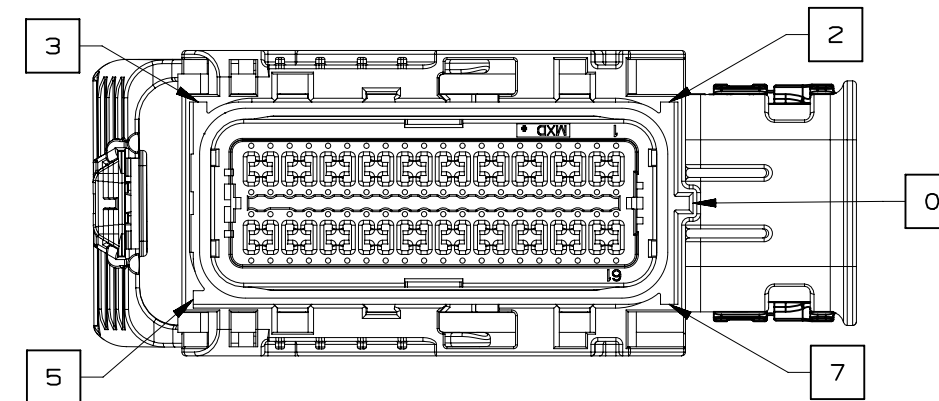
NOTE: REFERENCE THE COMPONENT TABLE FOR KEY OPTIONS AND CONFIGURATIONS



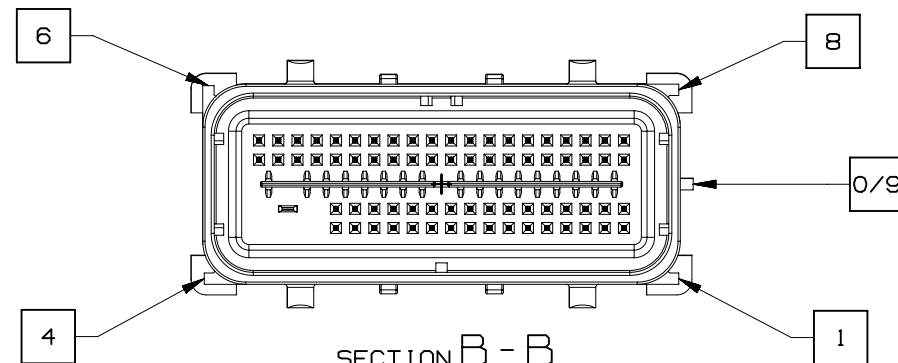
INTERFACE SIDE SHOWN ON ALL SECTION VIEWS



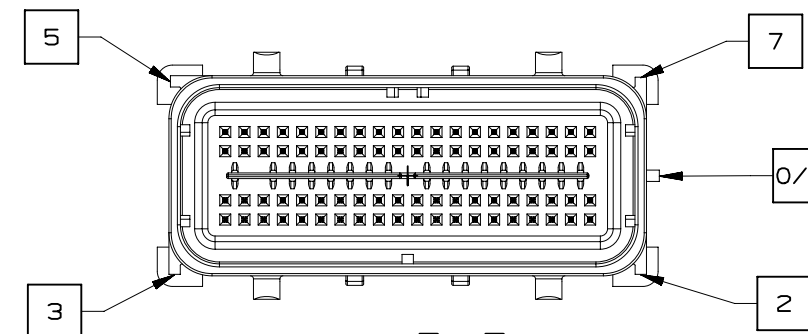
SECTION A - A  
73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



SECTION A - A  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN



SECTION B - B  
73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



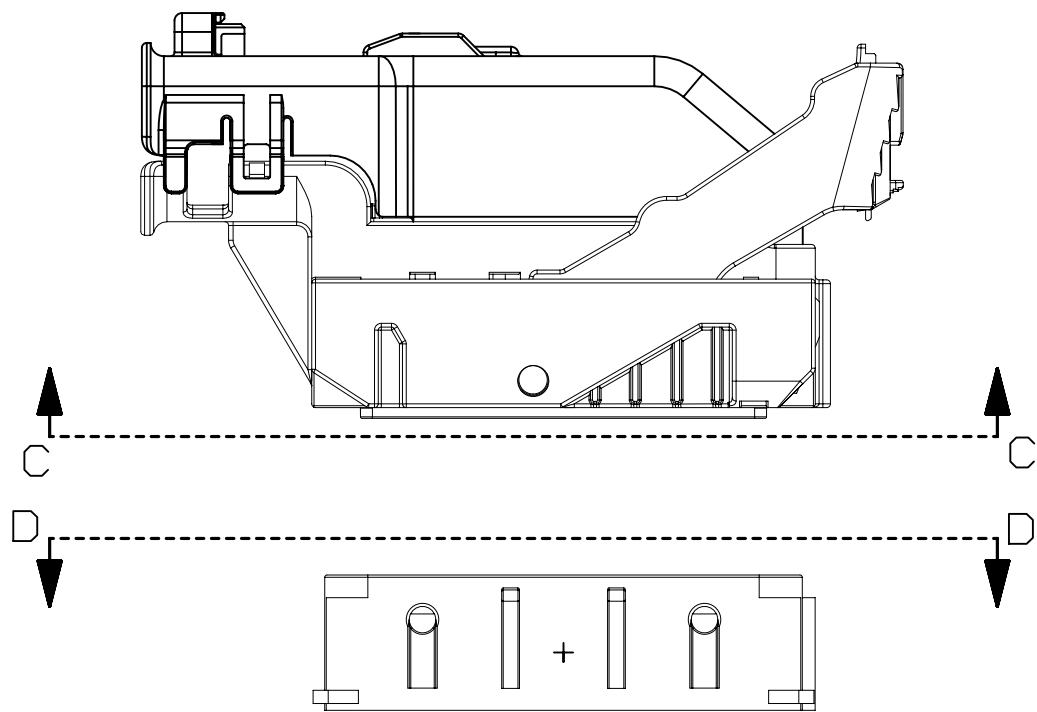
SECTION B - B  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN



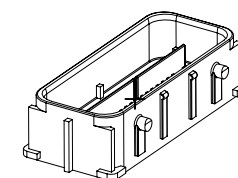
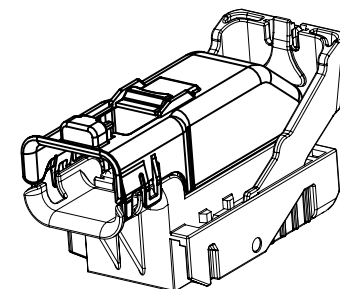
PAGE TITLE  
KEY ID REF - WIRE DRESS OPTION 0

DRAWING NUMBER  
12672833

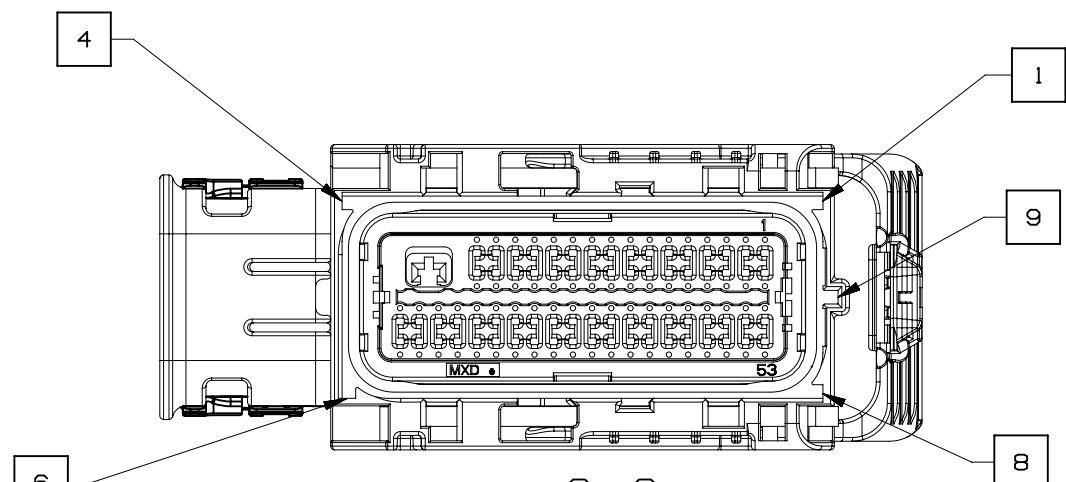
DWG STATUS			PAGE NUMBER
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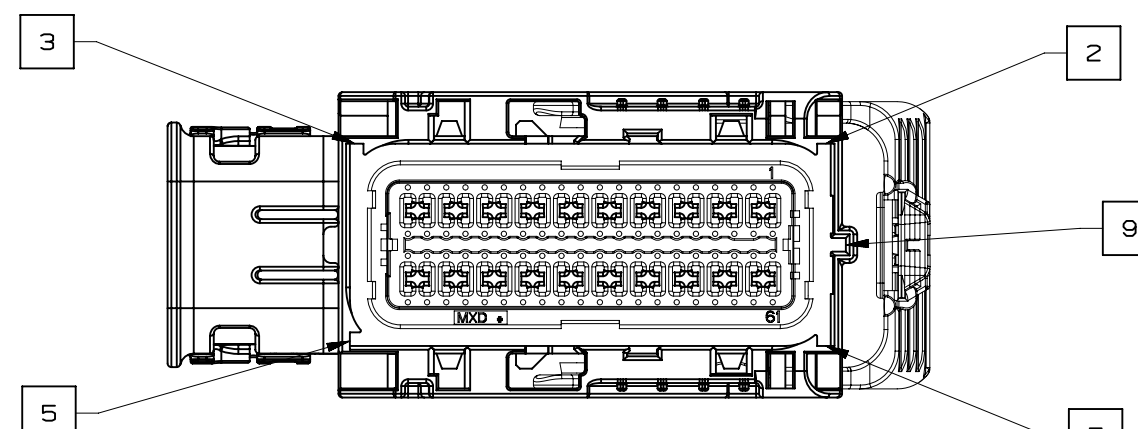
INTERFACE SIDE SHOWN ON ALL SECTION VIEWS



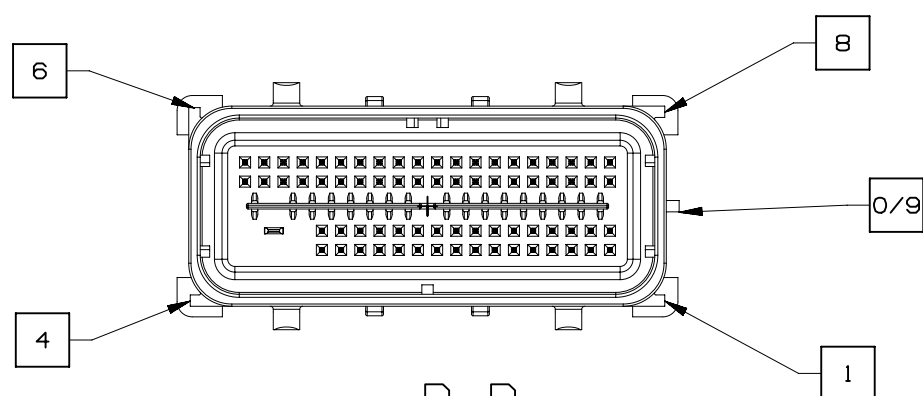
NOTE: REFERENCE THE COMPONENT TABLE FOR KEY OPTIONS AND CONFIGURATIONS



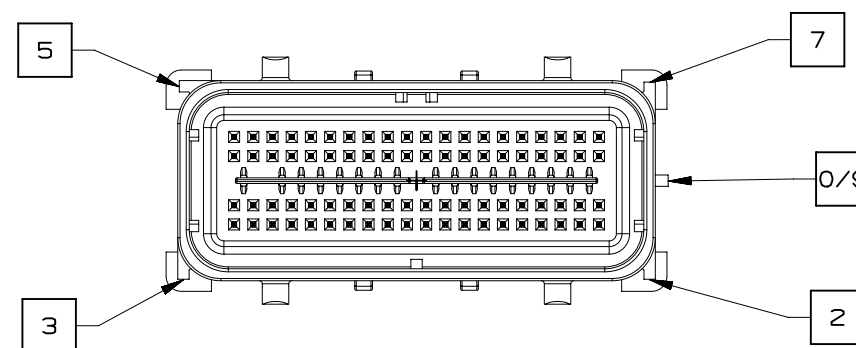
SECTION C - C  
73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



SECTION C - C  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN



SECTION D - D  
73 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION B SHOWN



SECTION D - D  
80 CKT HARNESS CONNECTOR ASSEMBLY  
KEY OPTION K SHOWN

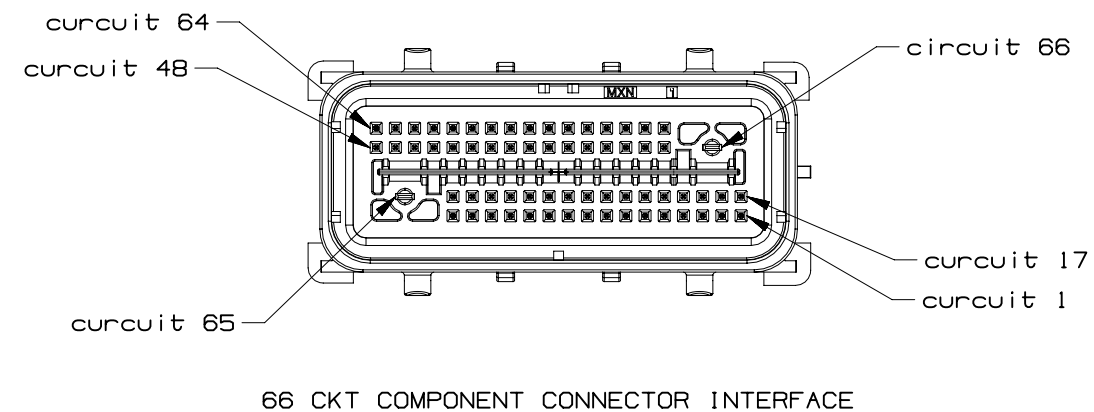
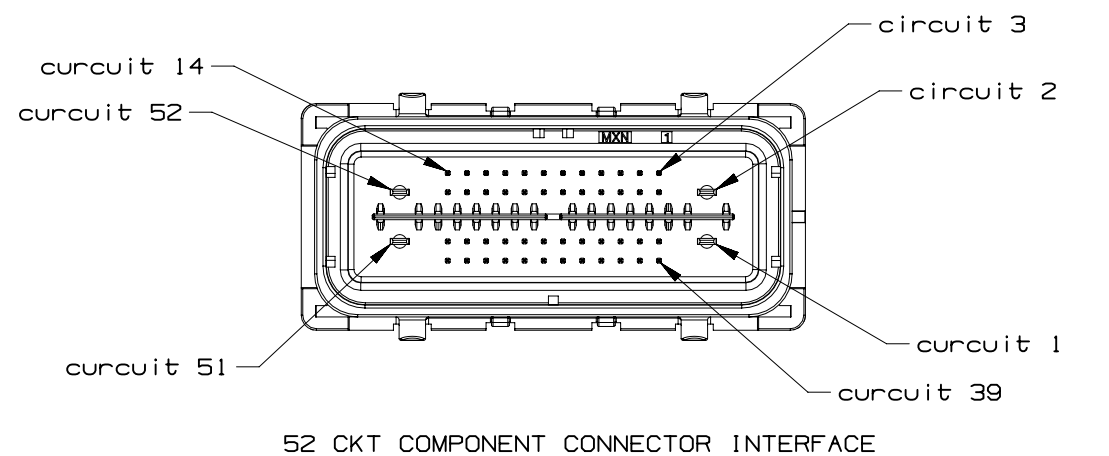
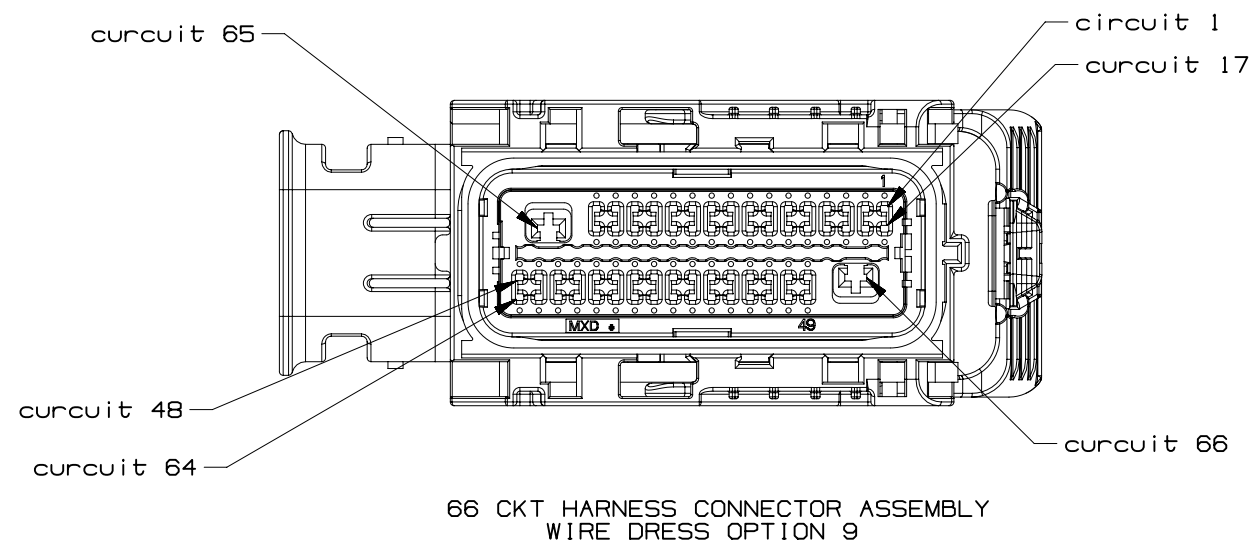
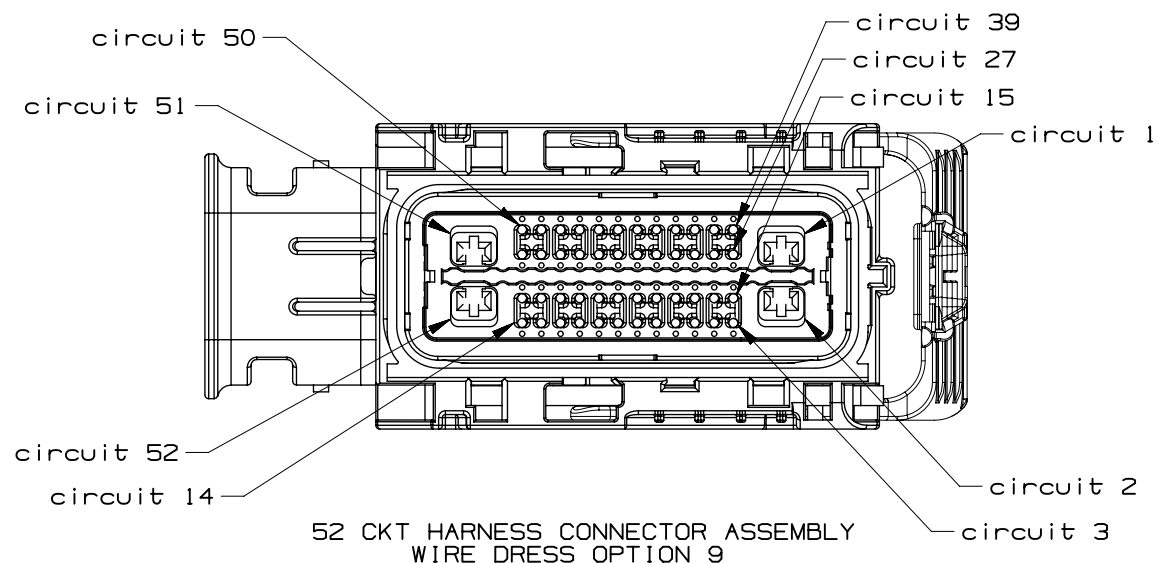
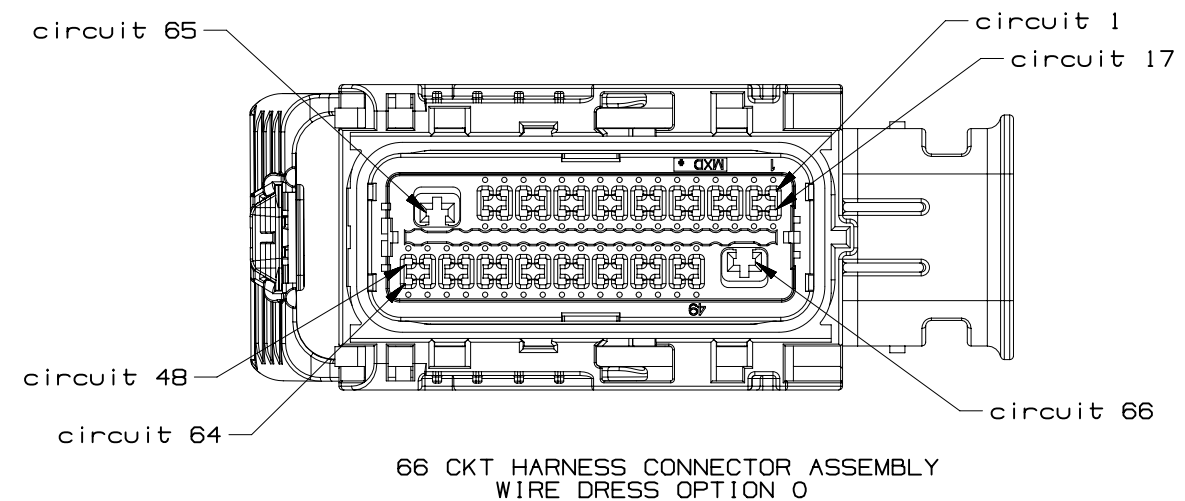
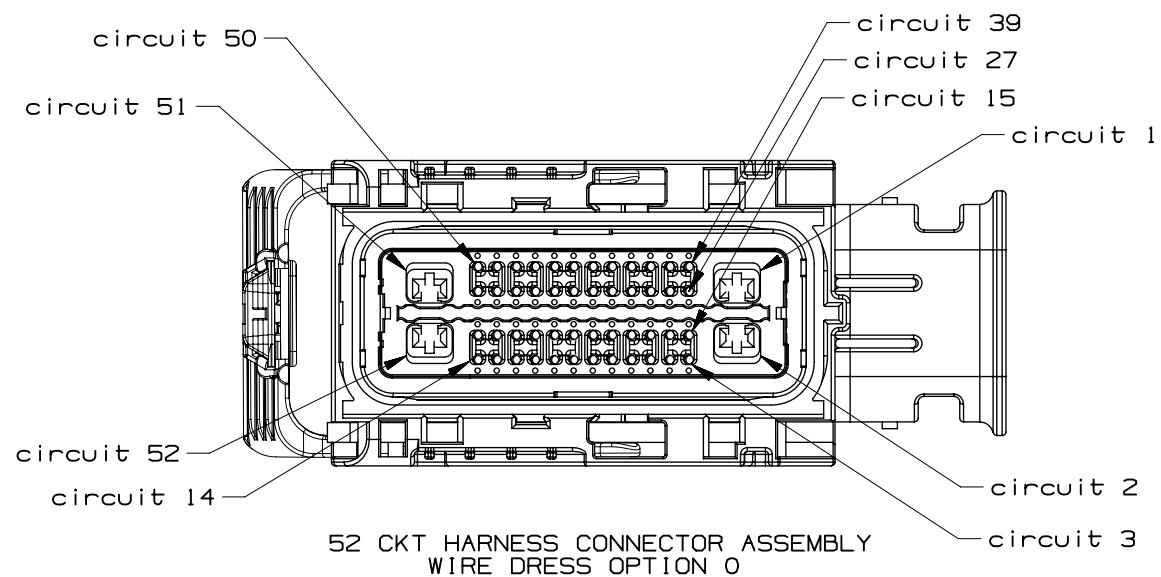


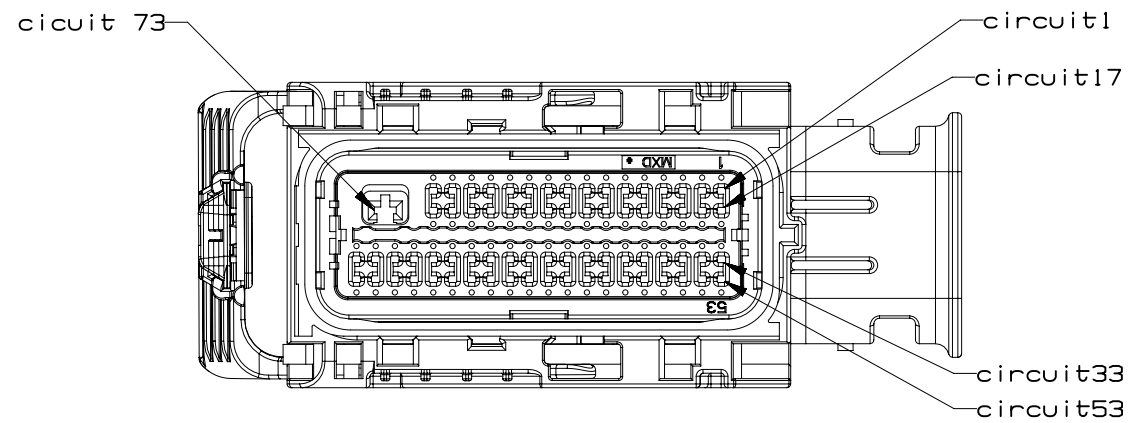
PAGE TITLE  
KEY ID REF - WIRE DRESS OPTION 9

DRAWING NUMBER  
12672833

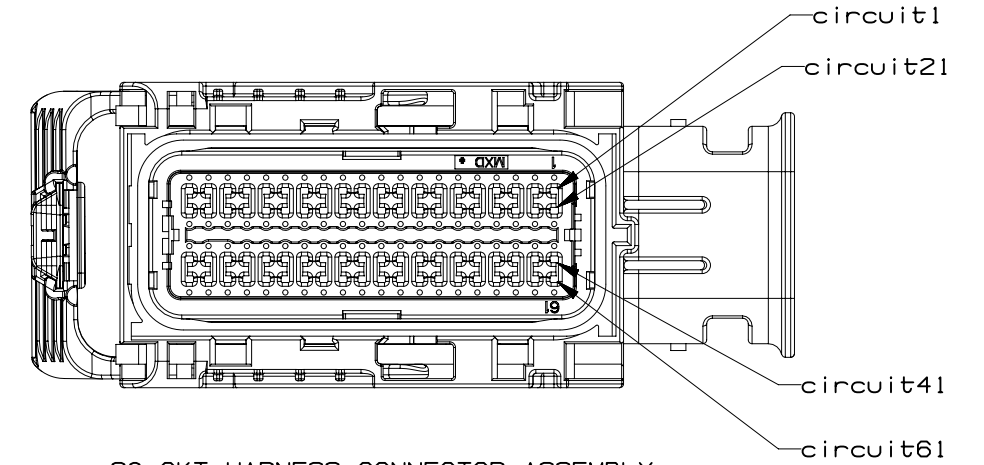
DWG STATUS		
ST	REV	PD1
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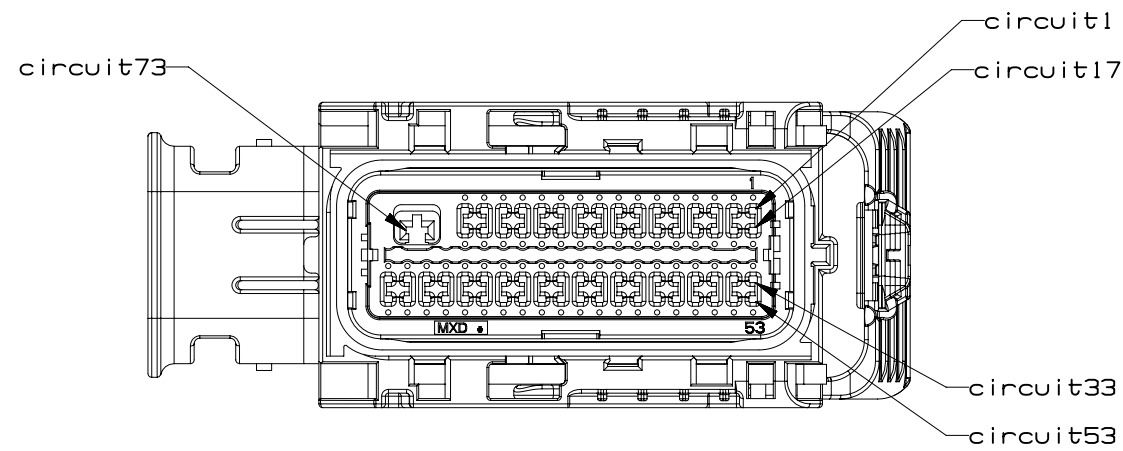


73 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 0

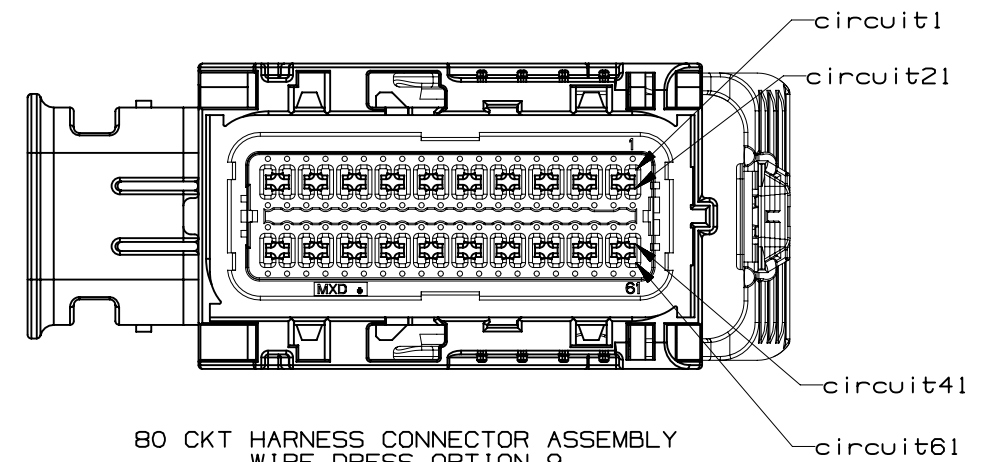


80 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 0

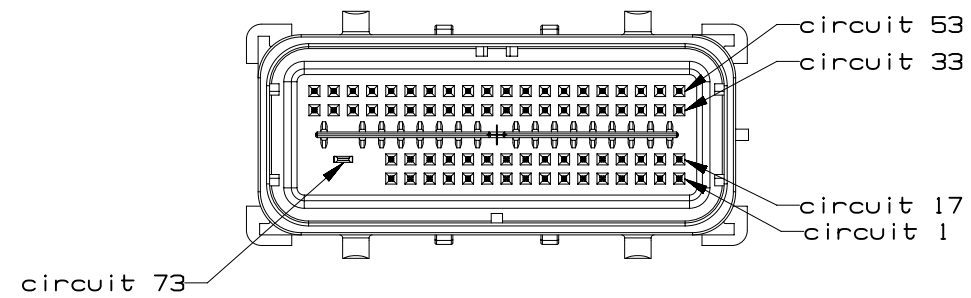
INTERFACE SIDE SHOWN ON ALL VIEWS



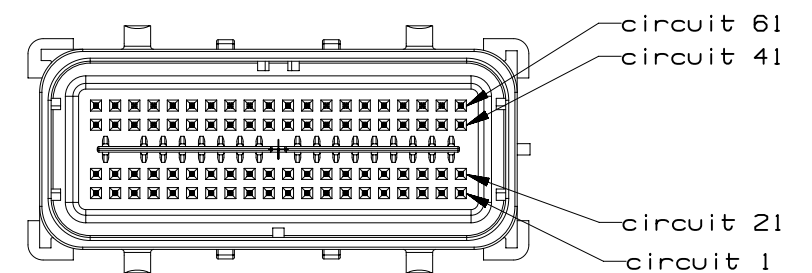
73 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9



80 CKT HARNESS CONNECTOR ASSEMBLY  
WIRE DRESS OPTION 9

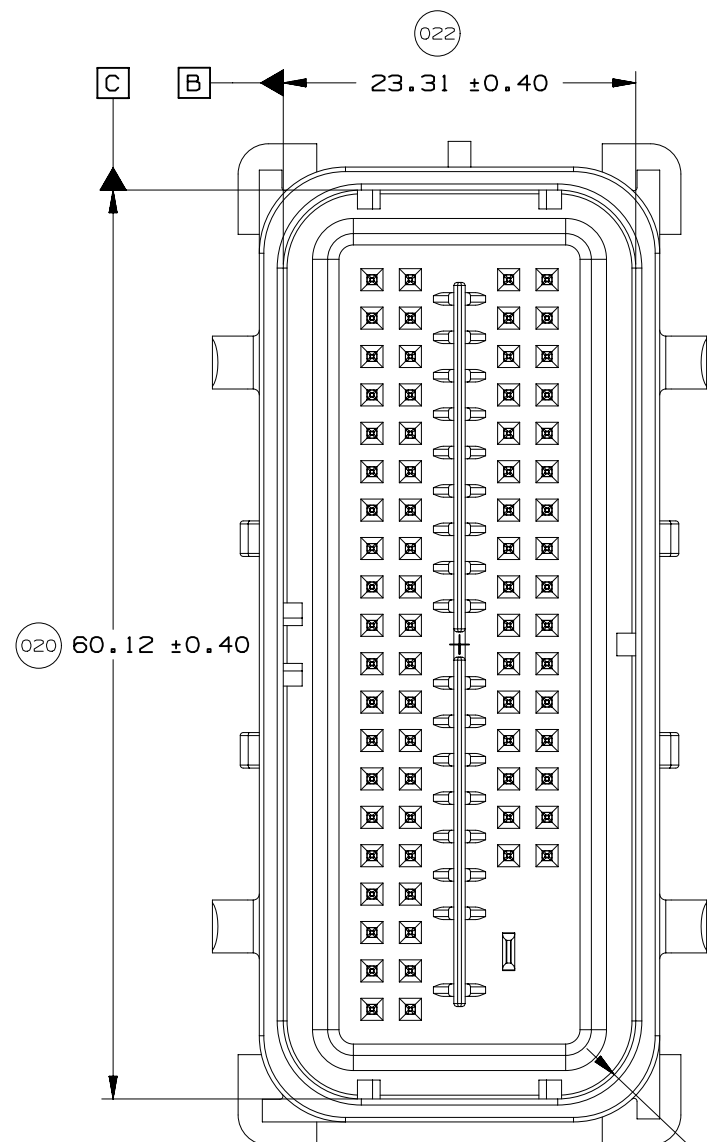
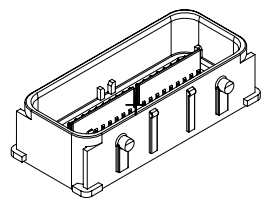


73 CKT COMPONENT CONNECTOR INTERFACE

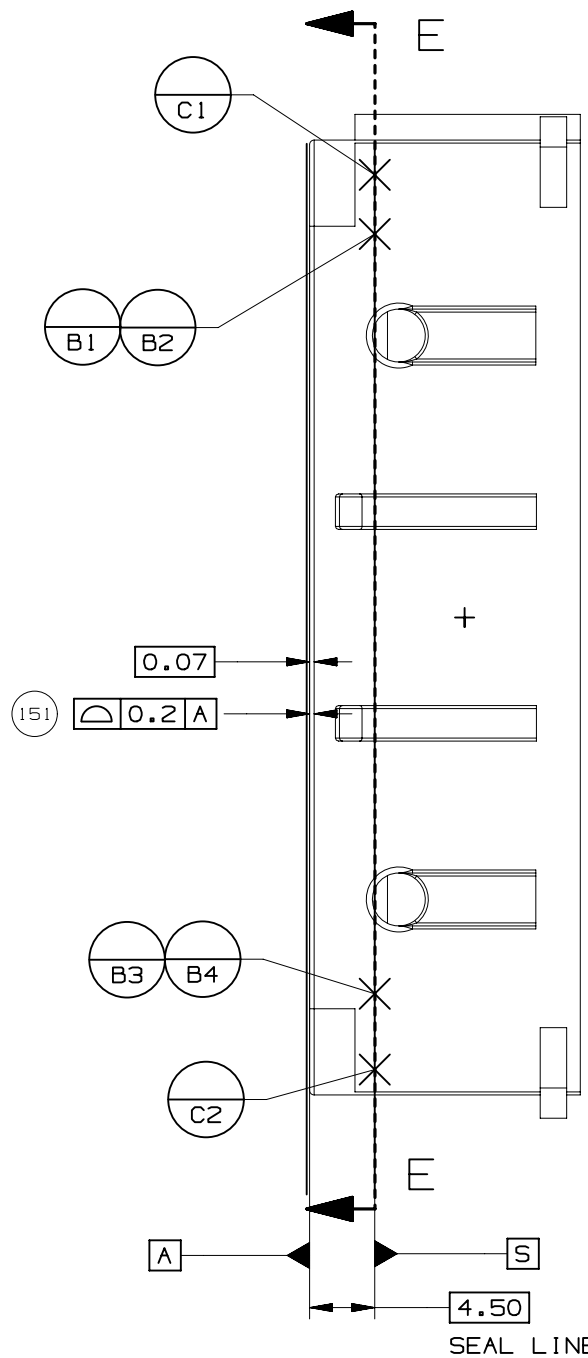


80 CKT COMPONENT CONNECTOR INTERFACE

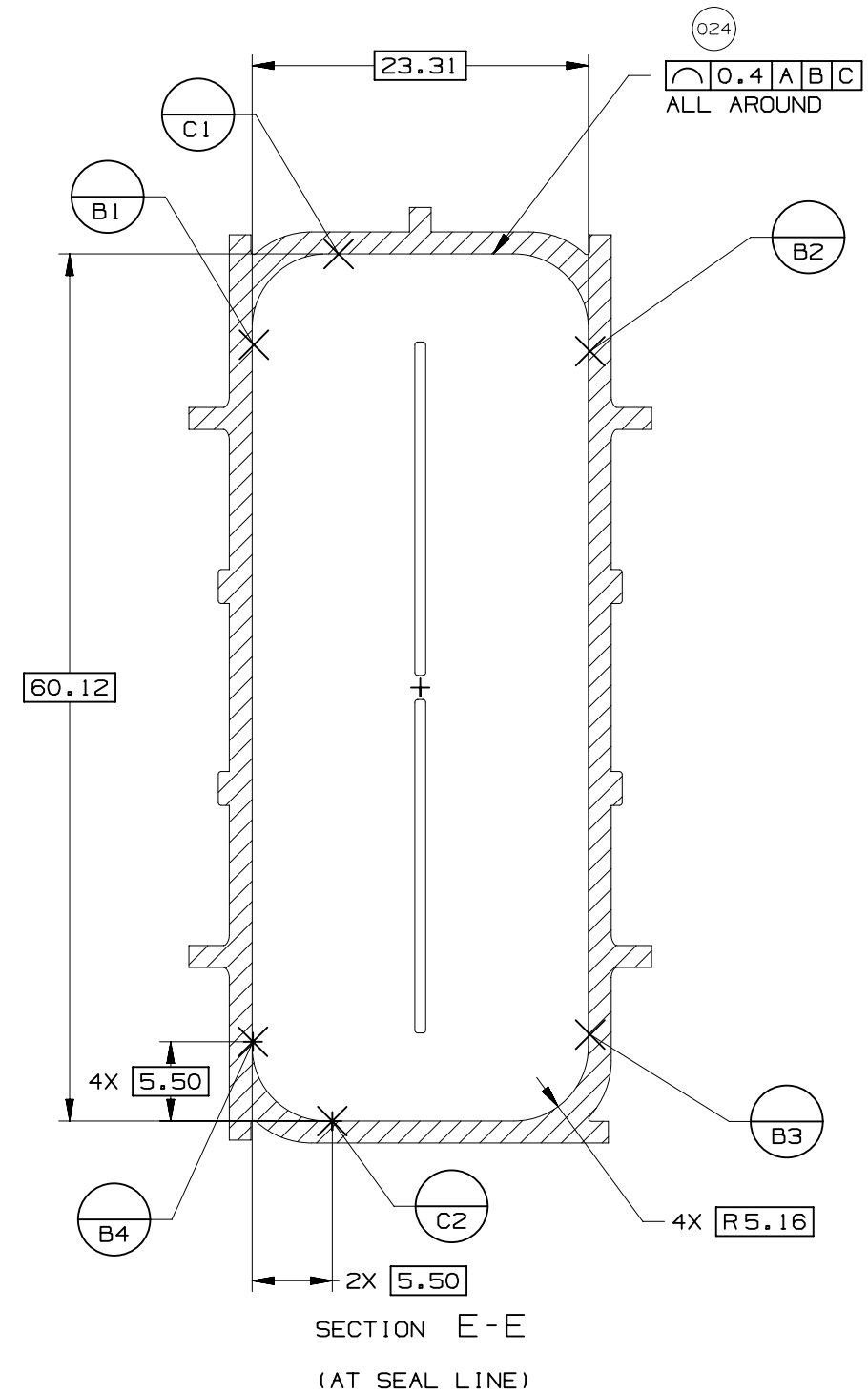




4X R5.16 ± 0.30



SEAL LINE



SECTION E-E  
(AT SEAL LINE)

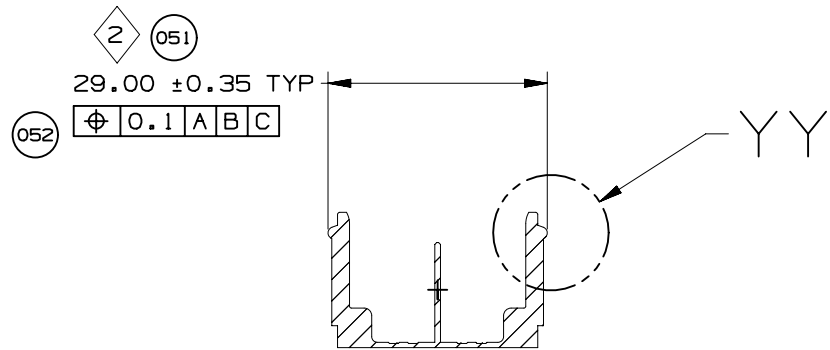
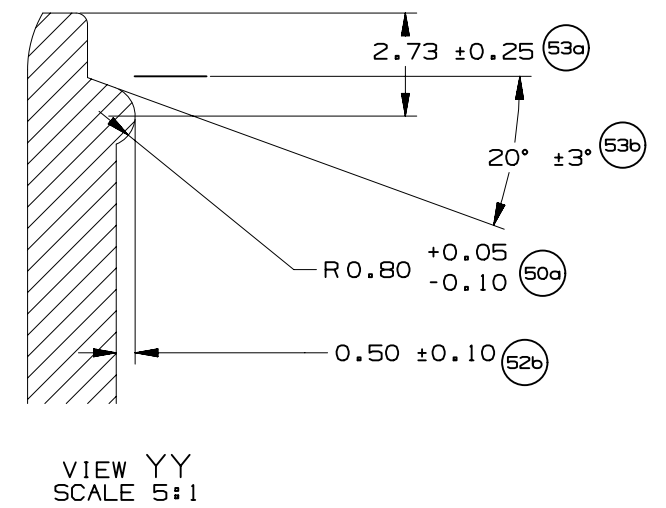
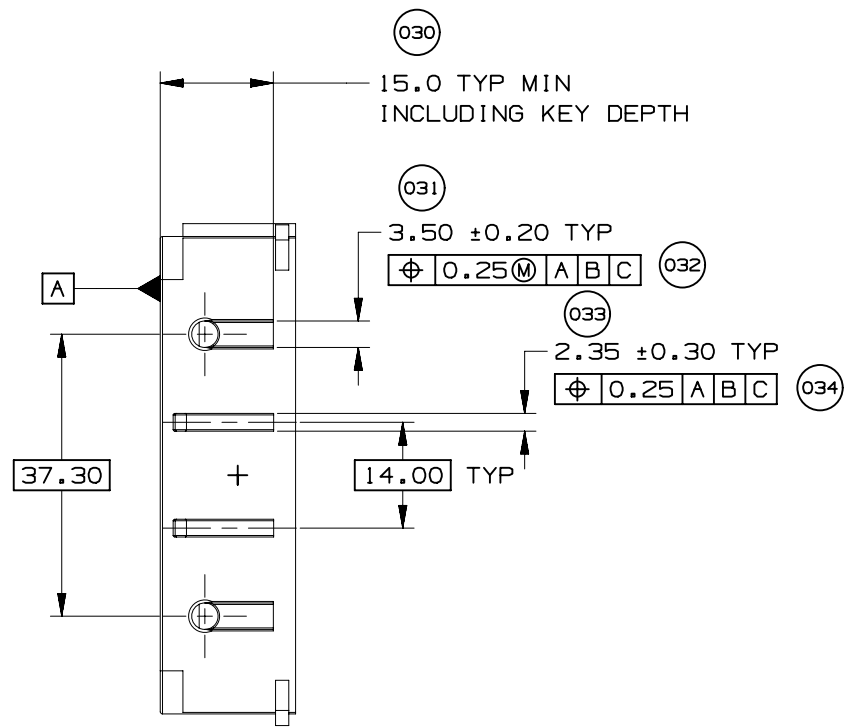
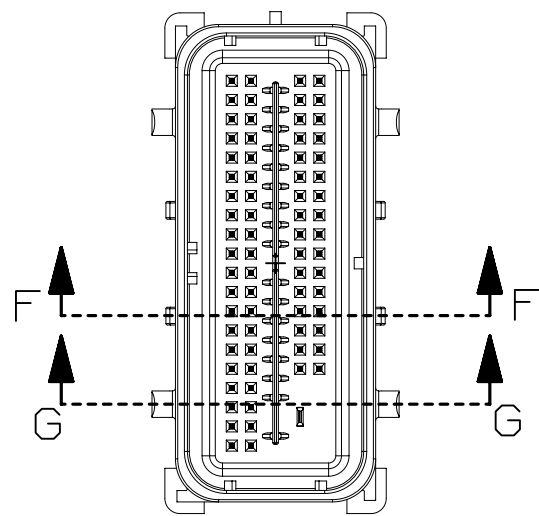
UNLESS SPECIFIED, TOLERANCE OF THE COMPONENT CONNECTOR INTERFACE TO BE  $\sqrt[0.13]{A B C}$



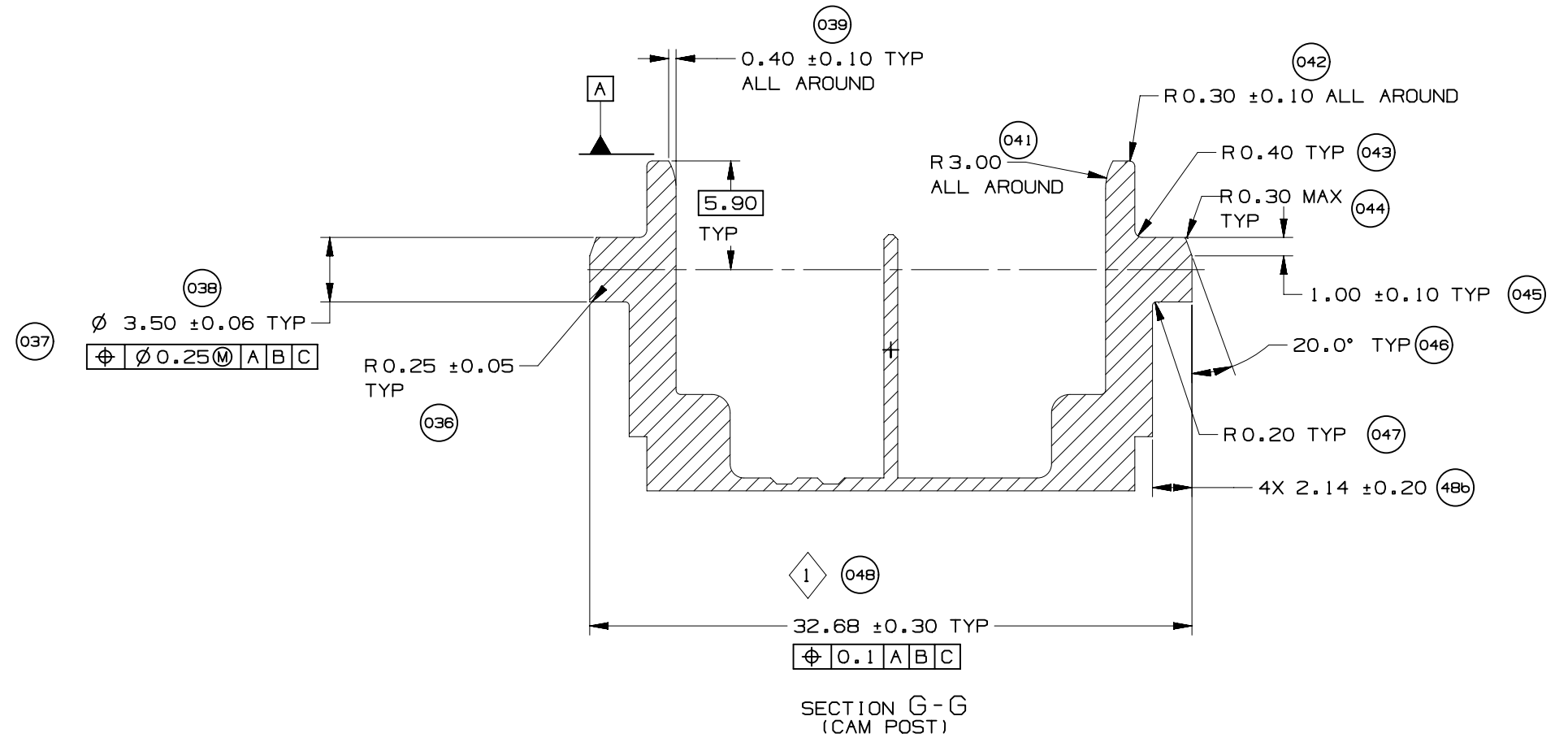
PAGE TITLE  
COMPONENT CONNECTOR INTERFACE

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12672833

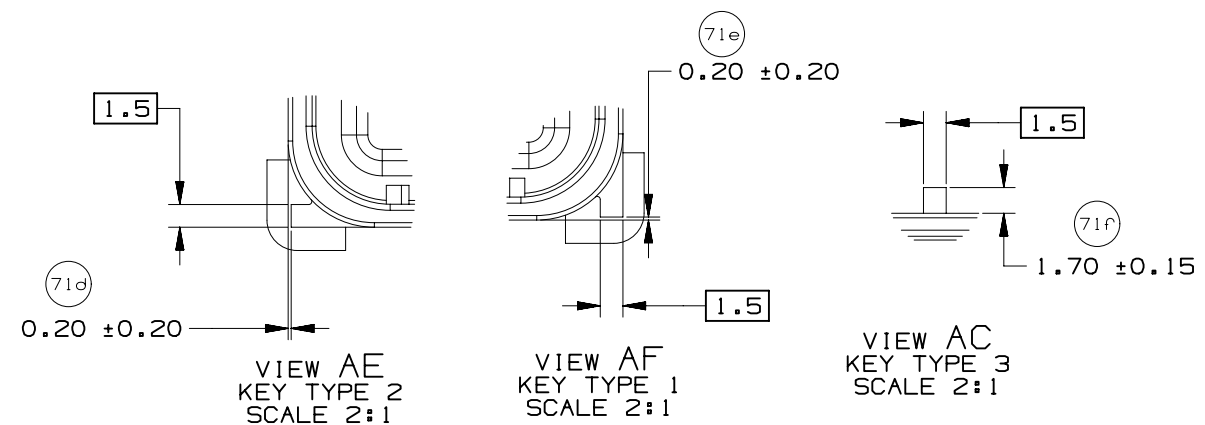
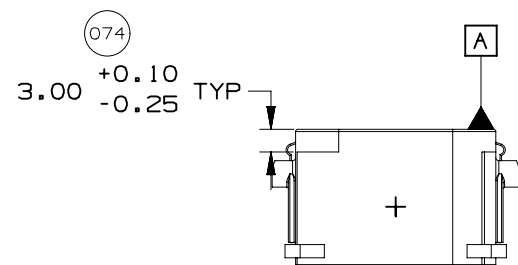
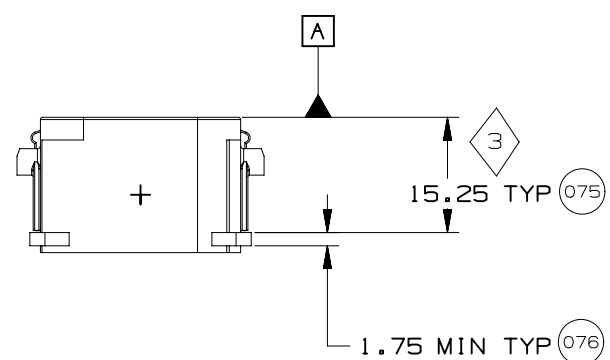
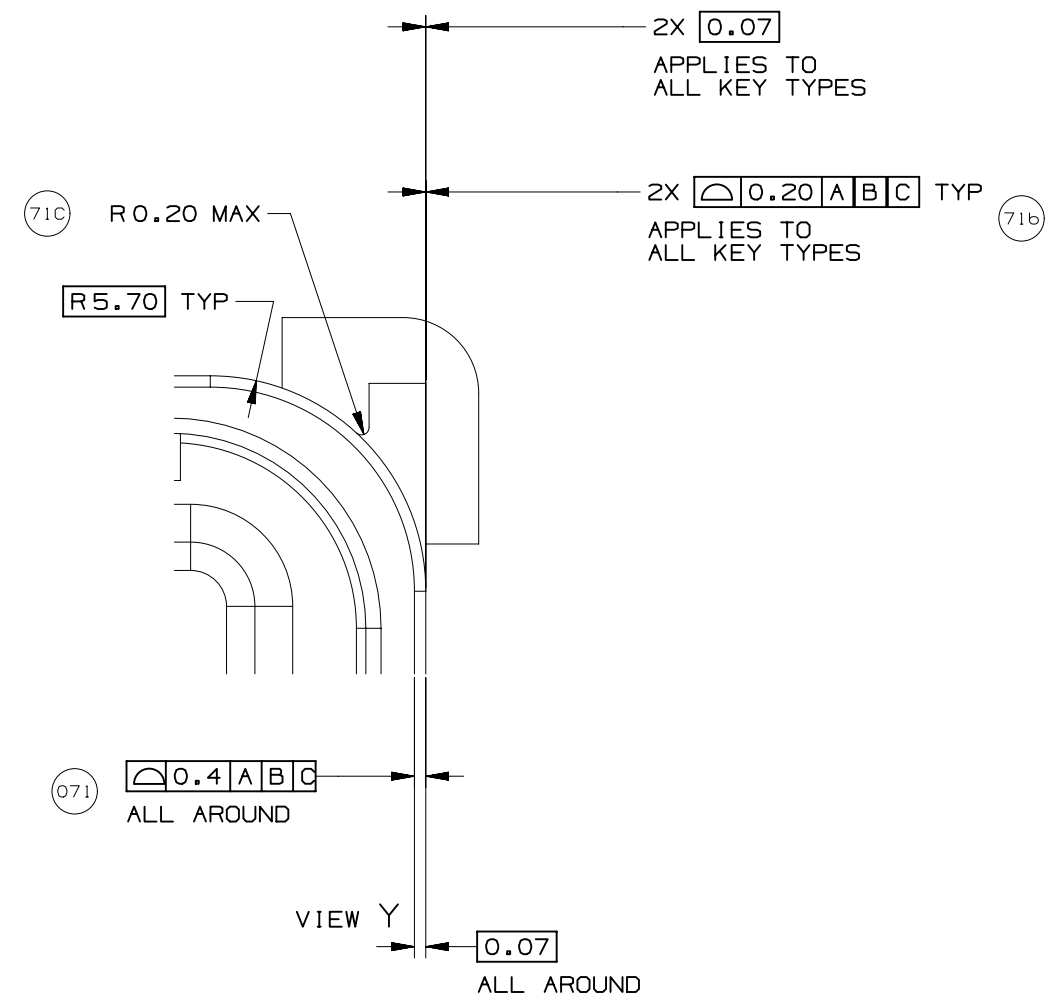
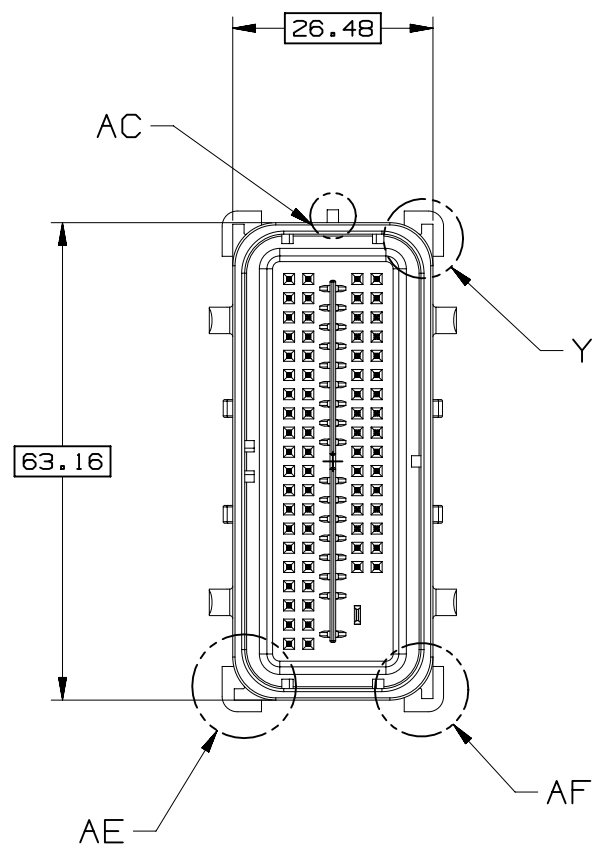
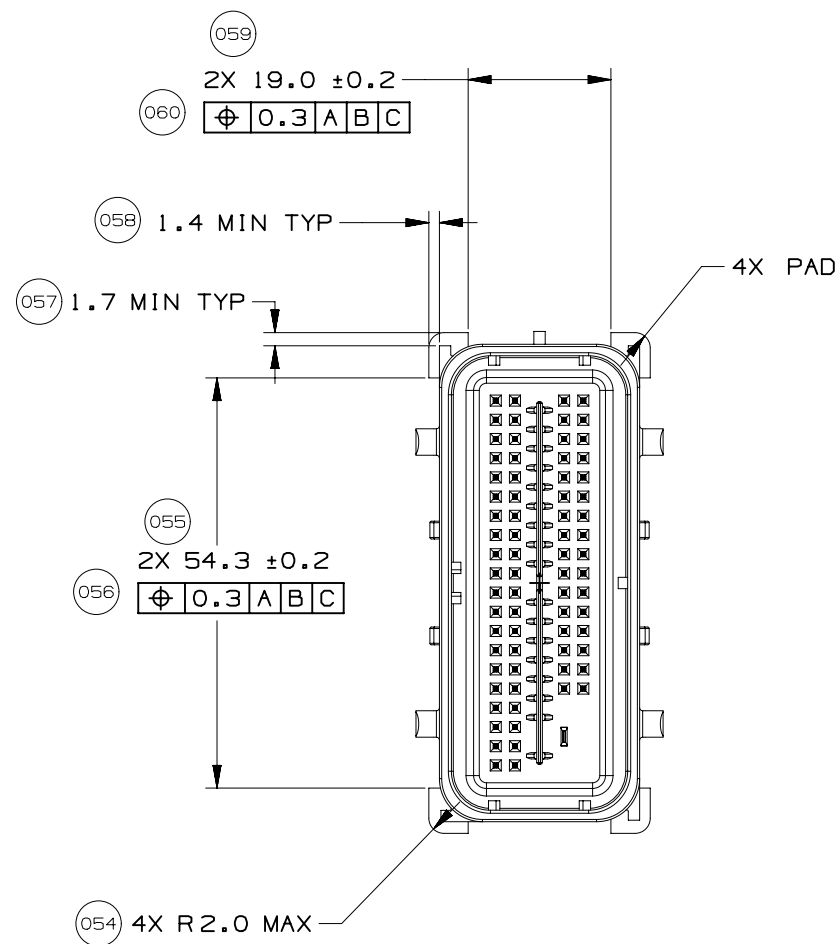
DWG STATUS			PAGE NUMBER
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SECTION F-F  
(RELEASE FEATURE)



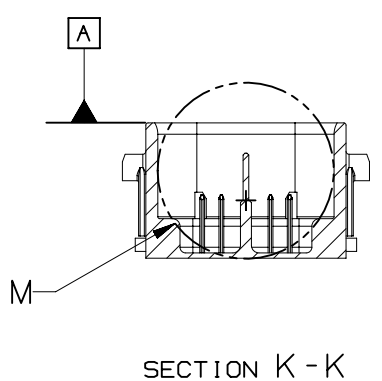
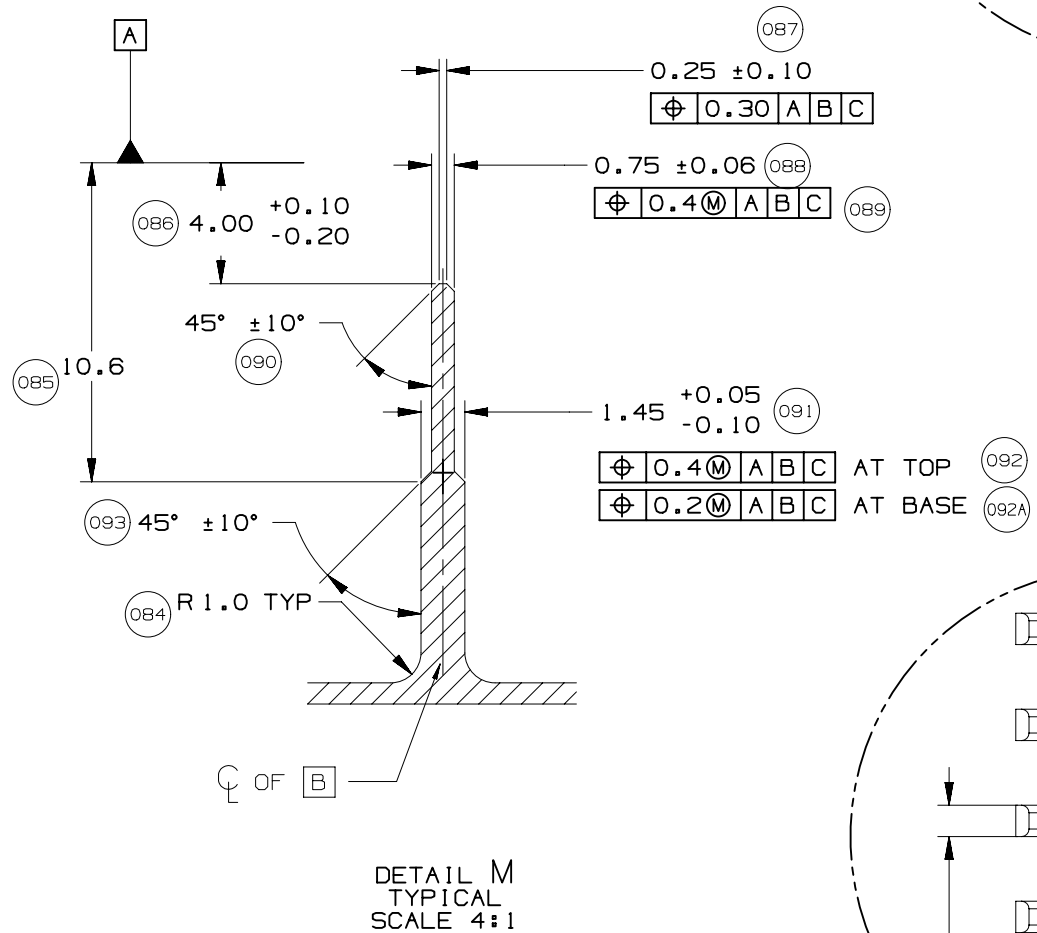
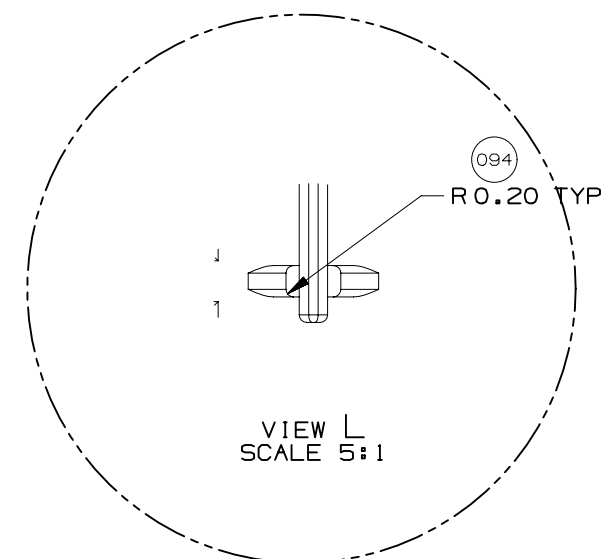
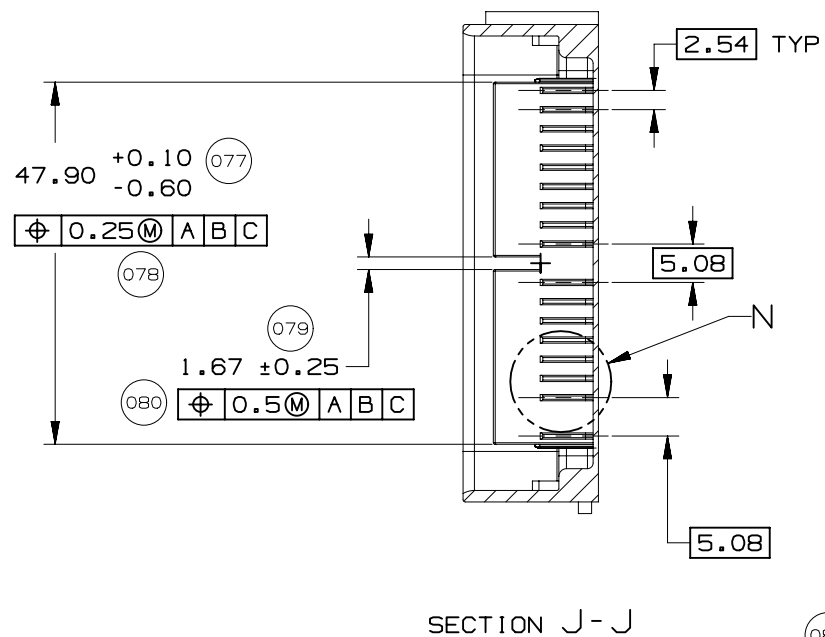
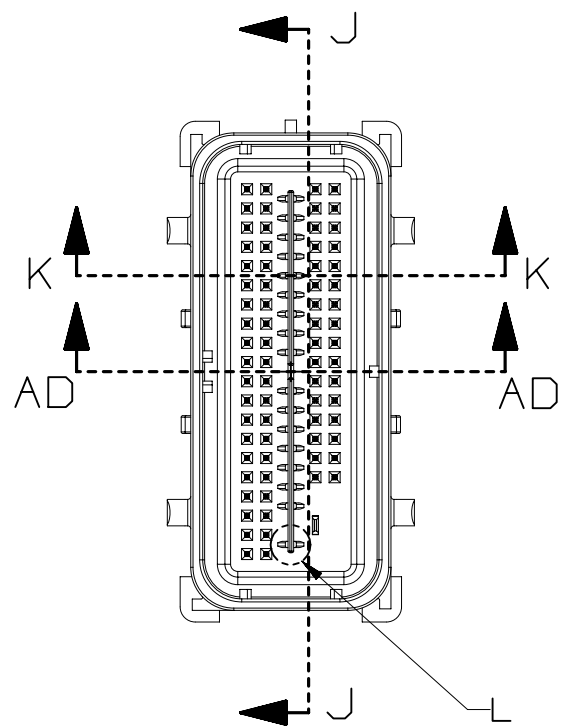




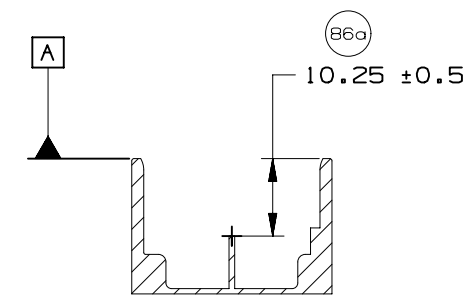
PAGE TITLE  
 COMPONENT CONNECTOR INTERFACE

DRAWING NUMBER  
 12672833

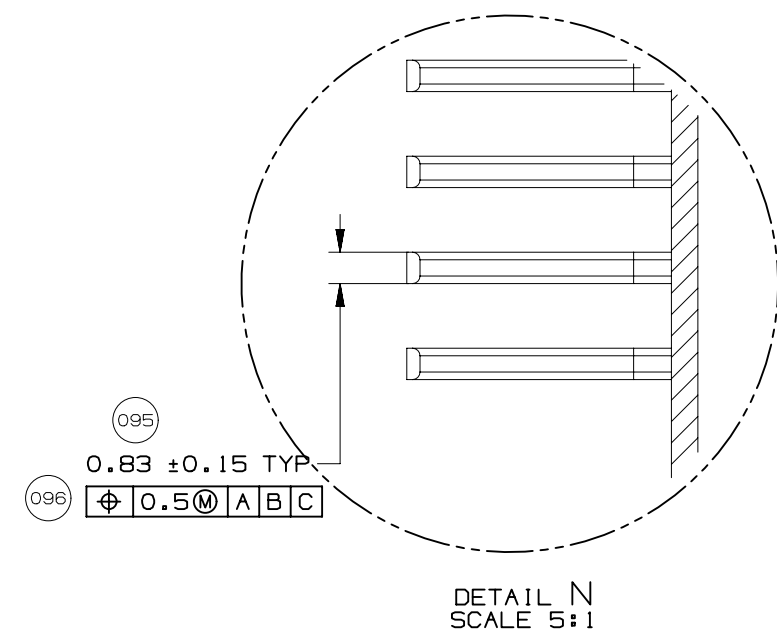
DWG STATUS			PAGE NUMBER	
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SECTION K-K

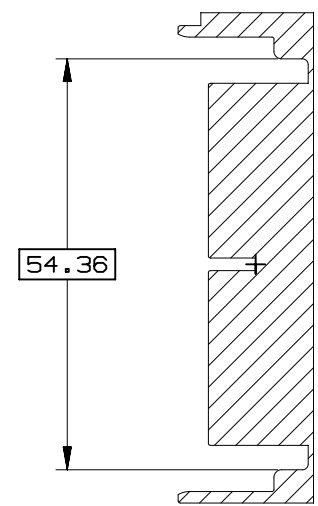
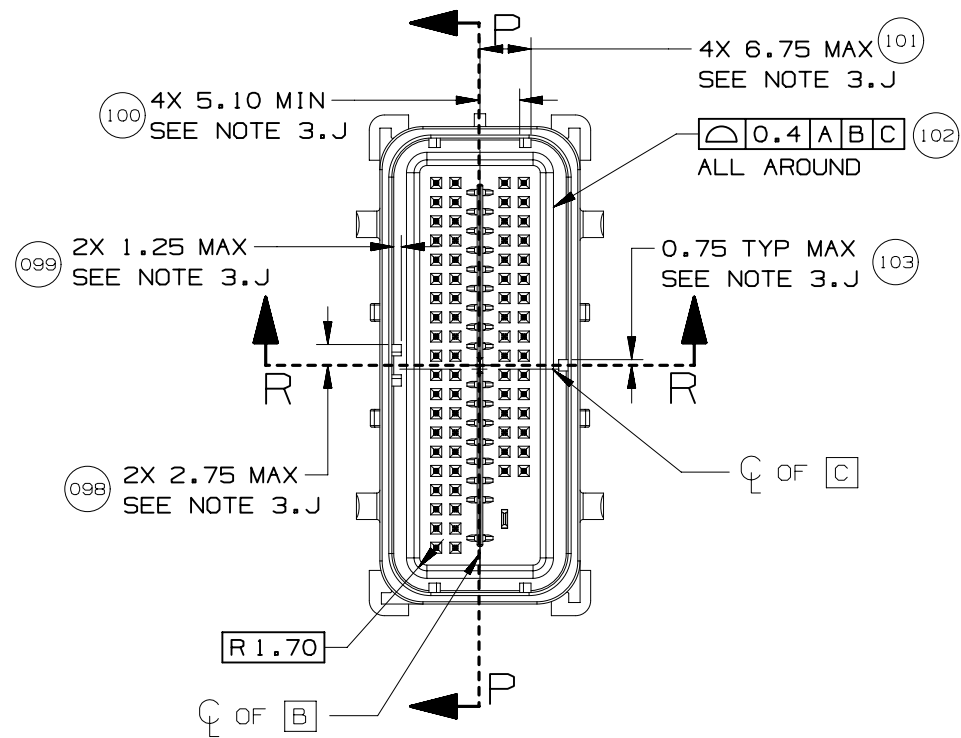


SECTION AD-AD

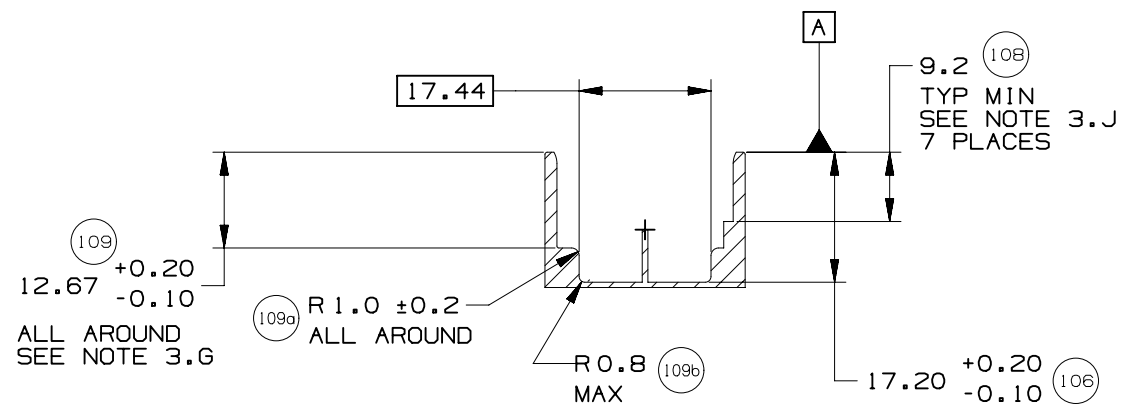


DETAIL N  
SCALE 5:1





SECTION P-P



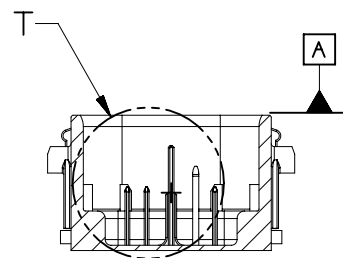
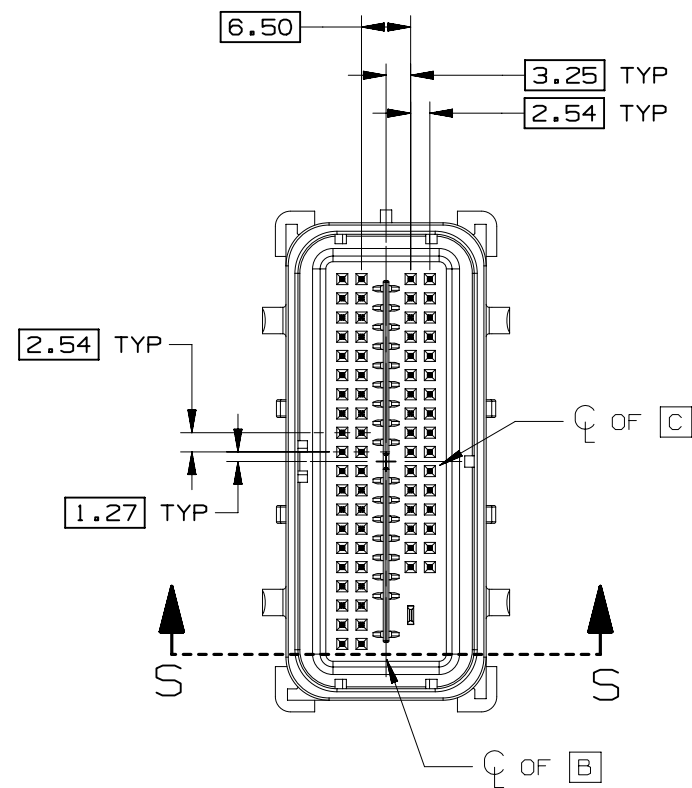
SECTION R-R



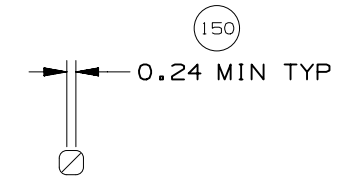
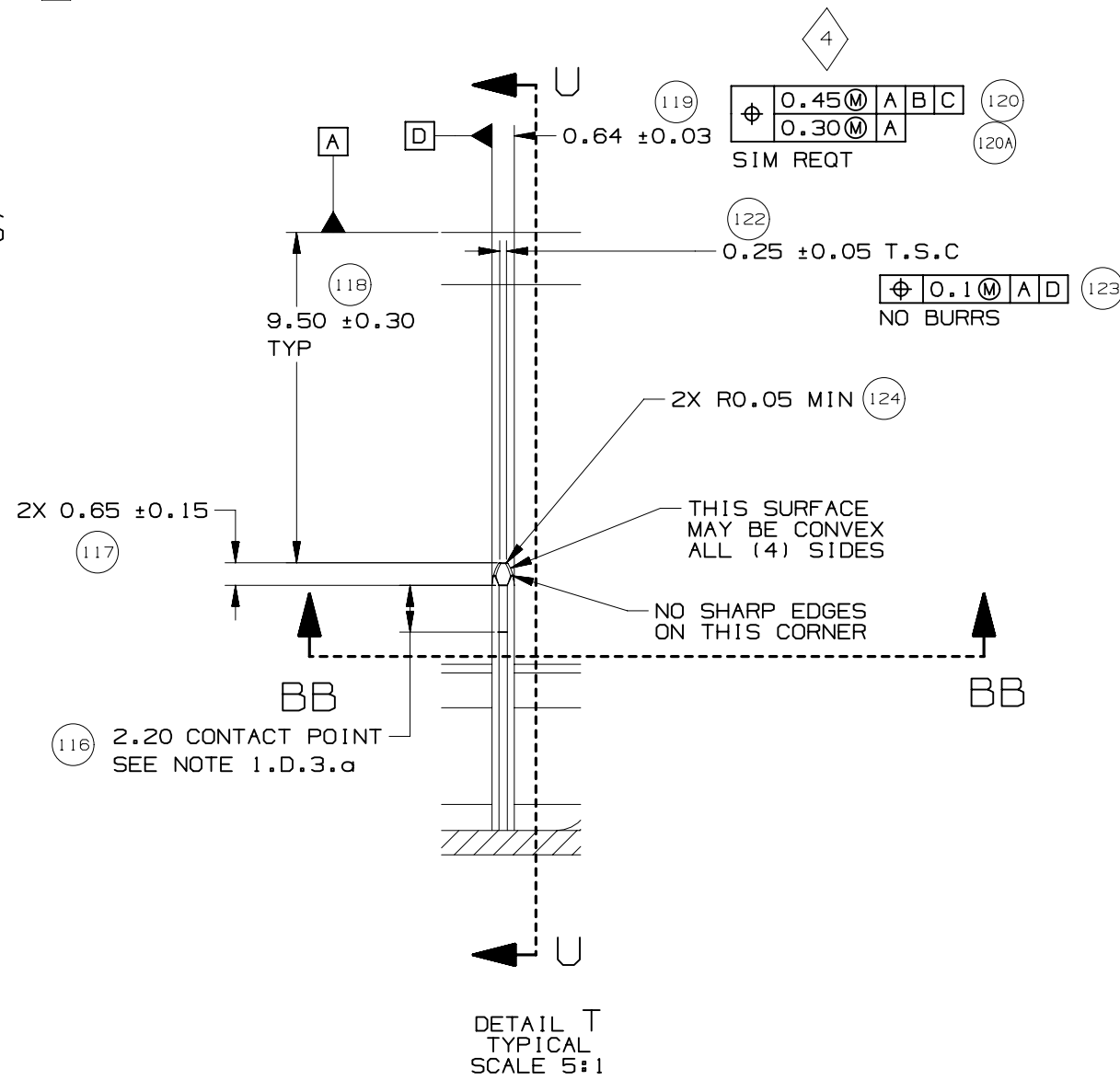
PAGE TITLE  
COMPONENT CONNECTOR INTERFACE

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12672833

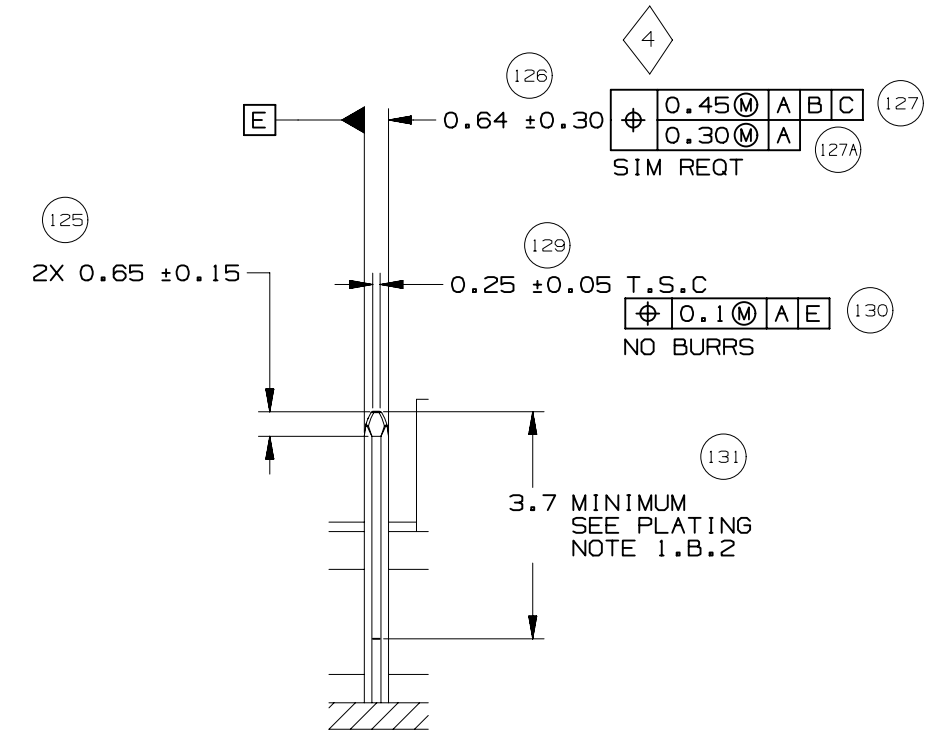
DWG STATUS			PAGE NUMBER	
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SECTION S-S

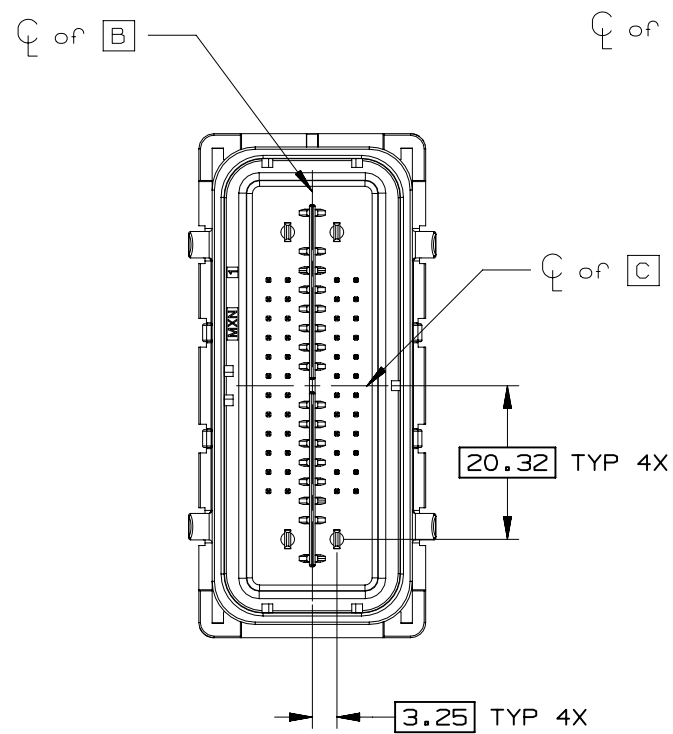


SECTION BB-BB

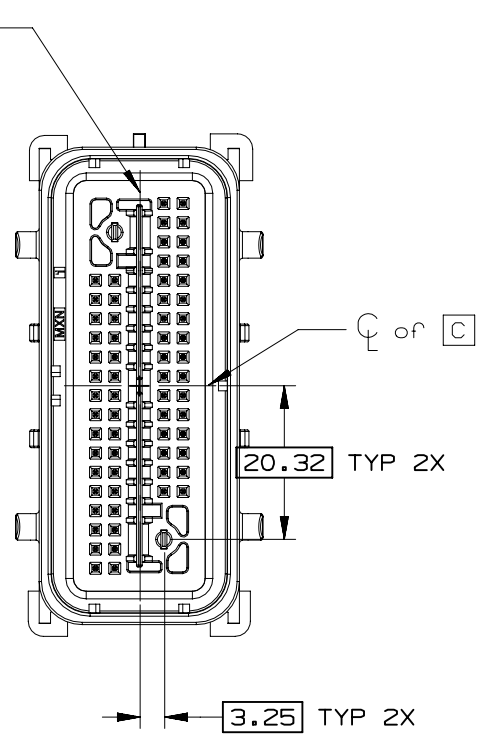


SECTION U-U TYPICAL

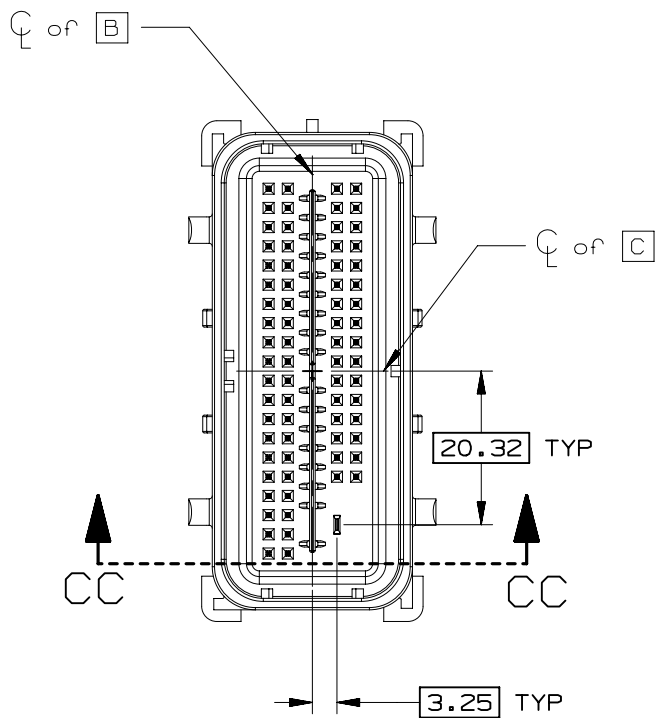




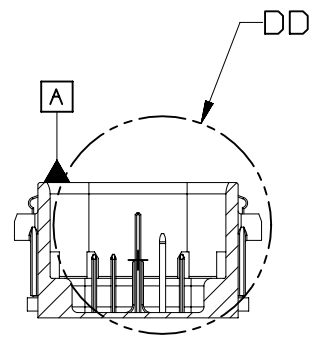
52 CKT COMPONENT  
CONNECTOR INTERFACE



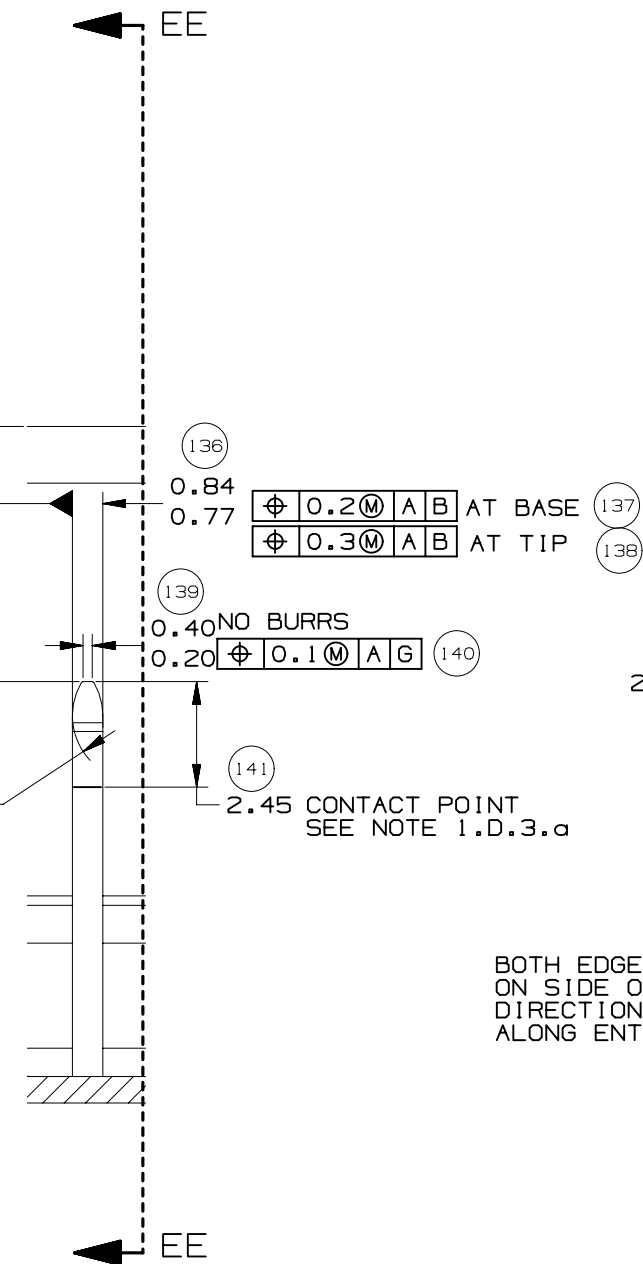
66 CKT COMPONENT  
CONNECTOR INTERFACE



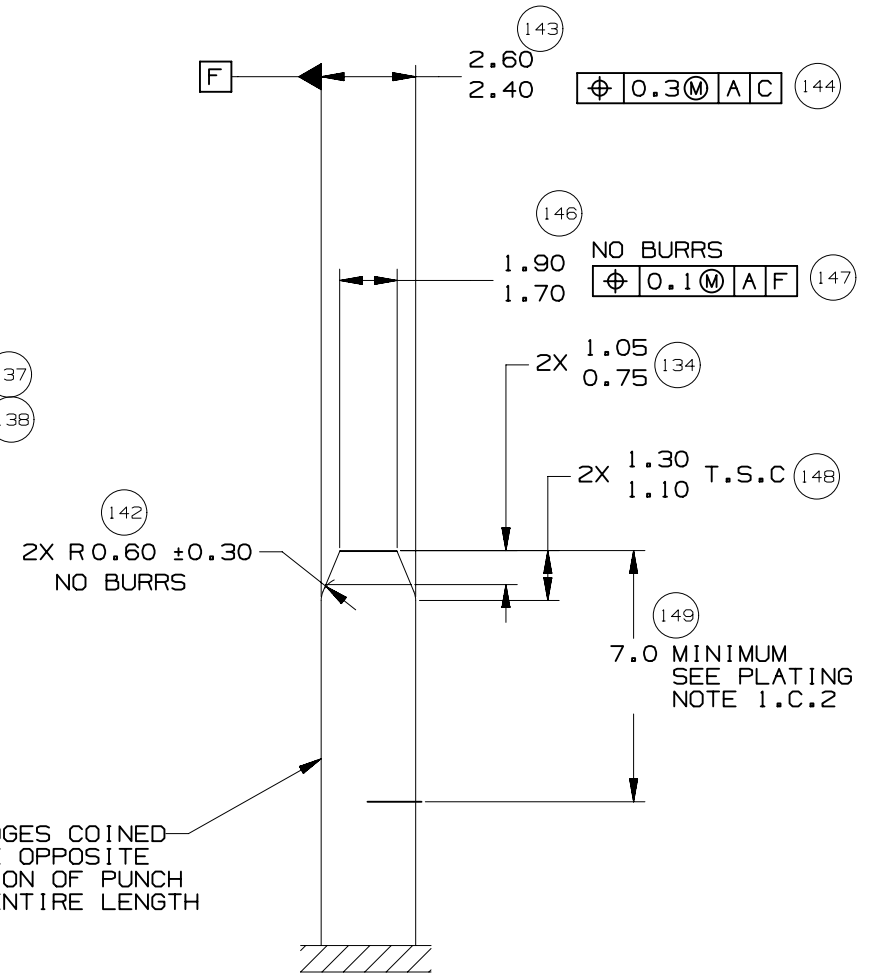
73 CKT COMPONENT  
CONNECTOR INTERFACE



SECTION CC-CC



DETAIL DD  
TYPICAL  
SCALE 5:1



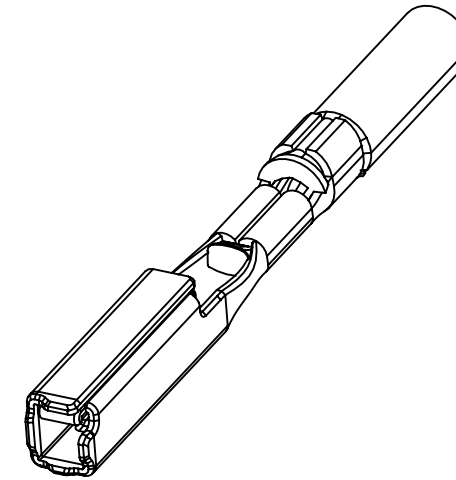
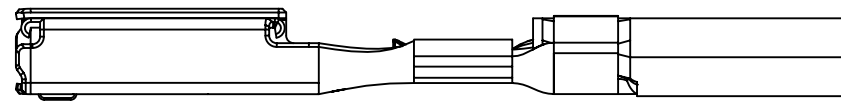
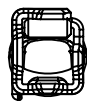
SECTION EE-EE  
TYPICAL

BOTH EDGES COINED  
ON SIDE OPPOSITE  
DIRECTION OF PUNCH  
ALONG ENTIRE LENGTH



MOLEX MX64 RECEPTACLE TERMINAL INFORMATION

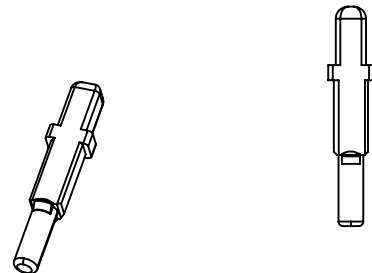
ITEM	MOLEX P/N	GM P/N	WIRE SIZE MM2	TYPE	PLATING	REEL WIND DIRECTION	COMMENTS
1	34736-0025		0.35	ISO	SILVER	LEFT	
2	34736-0026	12672850	0.35	ISO	SILVER	RIGHT	
3	34736-0027		0.5 / 0.75	ISO	SILVER	LEFT	
4	34736-0028	12672851	0.5 / 0.75	ISO	SILVER	RIGHT	



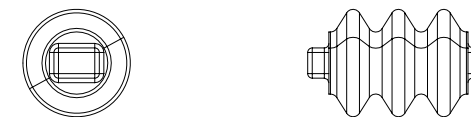
CAVITY PLUGS

ITEM	MFG	MFG P/N	GM P/N RD	SIZE	COLOR	MFG DRAWING	PROD SPEC	APP SPEC	COMMENTS
1	MOLEX	34586-0001	12674820	0.64	NATURAL	SD-34586-001	PS-34566-0000	AS-34566-001	
2	YAZAKI	7158-3114-90	12674821	2.8	BLUE	7158-3114-90	YPES-11-04-062	YPES-15-299	

ITEM 1



ITEM 2



PAGE TITLE  
ADDITIONAL COMPONENTS REQUIRED

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MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

UNCHECKED cavity number(s) are OPEN																							
72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33				
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		32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17						
73			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>			16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

FOR ADDITIONAL INFORMATION SEE SD-34566-001

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																			
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION	COLOR OPTION	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																			
		NUMBER		OPTION ▽ Fp	OPTION ▽ Fp	▽ Fp																			
SALEABLE	12672860	34566-0103	0	A	BLACK																				
SALEABLE	12672862	34566-0203	0	B	ST GRY	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53
SALEABLE	12672864	34566-0303	0	C	BLUE	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33
TOOL DES. REL.	12615660	34566-0403	0	D	BROWN	73				32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
TOOL DES. REL.	12615661	34566-0503	0	E	GREEN	73				16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
SALEABLE	12672866	34566-0603	0	F	NATURAL																				
SALEABLE	12672872	34566-0703	0	G	BLUE																				
SALEABLE	12672870	34566-0803	0	H	ST GRY	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
TOOL DES. REL.	12672868	34566-0903	0	J	BLACK	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
TOOL DES. REL.	TBD	34566-1003	0	K	BROWN	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21
TOOL DES. REL.	TBD	34566-1103	0	L	GREEN	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
TOOL DES. REL.	TBD	34566-1203	0	M	NATURAL																				
SALEABLE	12672861	34566-1303	9	A	BLACK																				
SALEABLE	12672863	34566-1403	9	B	ST GRY	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53
SALEABLE	12672865	34566-1503	9	C	BLUE	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33
TOOL DES. REL.	12615663	34566-1603	9	D	BROWN	73				32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
TOOL DES. REL.	12615664	34566-1703	9	E	GREEN	73				16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
SALEABLE	12672867	34566-1803	9	F	NATURAL																				
SALEABLE	12672873	34566-1903	9	G	BLUE																				
SALEABLE	12672871	34566-2003	9	H	ST GRY	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61
TOOL DES. REL.	12672869	34566-2103	9	J	BLACK	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
TOOL DES. REL.	TBD	34566-2203	9	K	BROWN	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21
TOOL DES. REL.	TBD	34566-2303	9	L	GREEN	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
TOOL DES. REL.	TBD	34566-2403	9	M	NATURAL																				
SALEABLE	12672856	34822-0013	0	A	BLACK	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	66			
						48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33				
SALEABLE	12672858	34822-0033	0	C	BLUE	65				32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
						65				16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
SALEABLE	12672857	34822-0023	9	A	BLACK	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	66			
						48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33				
SALEABLE	12672859	34822-0043	9	C	BLUE	65				32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
						65				16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY				TPA	GROMMET CAP																																																																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																																																																							
		NUMBER				Fp																																																																							
TOOL DES. REL.	12672852	160094-0001	0	A	BLACK	<table border="1"> <tr> <td>52</td> <td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td> <td>2</td> </tr> <tr> <td></td> <td>26</td><td>25</td><td>24</td><td>23</td><td>22</td><td>21</td><td>20</td><td>19</td><td>18</td><td>17</td><td>16</td><td>15</td> <td></td> </tr> <tr> <td>51</td> <td>38</td><td>37</td><td>36</td><td>35</td><td>34</td><td>33</td><td>32</td><td>31</td><td>30</td><td>29</td><td>28</td><td>27</td> <td>1</td> </tr> <tr> <td></td> <td>50</td><td>49</td><td>48</td><td>47</td><td>46</td><td>45</td><td>44</td><td>43</td><td>42</td><td>41</td><td>40</td><td>39</td> <td></td> </tr> </table>																52	14	13	12	11	10	9	8	7	6	5	4	3	2		26	25	24	23	22	21	20	19	18	17	16	15		51	38	37	36	35	34	33	32	31	30	29	28	27	1		50	49	48	47	46	45	44	43	42	41	40	39	
52	14	13	12	11	10																	9	8	7	6	5	4	3	2																																																
	26	25	24	23	22																	21	20	19	18	17	16	15																																																	
51	38	37	36	35	34																	33	32	31	30	29	28	27	1																																																
	50	49	48	47	46																	45	44	43	42	41	40	39																																																	
TOOL DES. REL.	N/A	160094-0002	0	B	ST GRY																																																																								
TOOL DES. REL.	12672854	160094-0003	0	C	BLUE																																																																								
TOOL DES. REL.	N/A	160094-0004	0	D	BROWN																																																																								
TOOL DES. REL.	N/A	160094-0005	0	E	GREEN																																																																								
TOOL DES. REL.	N/A	160094-0006	0	F	NATURAL																																																																								
TOOL DES. REL.	12672853	160094-0013	9	A	BLACK	<table border="1"> <tr> <td>52</td> <td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td> <td>2</td> </tr> <tr> <td></td> <td>26</td><td>25</td><td>24</td><td>23</td><td>22</td><td>21</td><td>20</td><td>19</td><td>18</td><td>17</td><td>16</td><td>15</td> <td></td> </tr> <tr> <td>51</td> <td>38</td><td>37</td><td>36</td><td>35</td><td>34</td><td>33</td><td>32</td><td>31</td><td>30</td><td>29</td><td>28</td><td>27</td> <td>1</td> </tr> <tr> <td></td> <td>50</td><td>49</td><td>48</td><td>47</td><td>46</td><td>45</td><td>44</td><td>43</td><td>42</td><td>41</td><td>40</td><td>39</td> <td></td> </tr> </table>																52	14	13	12	11	10	9	8	7	6	5	4	3	2		26	25	24	23	22	21	20	19	18	17	16	15		51	38	37	36	35	34	33	32	31	30	29	28	27	1		50	49	48	47	46	45	44	43	42	41	40	39	
52	14	13	12	11	10																	9	8	7	6	5	4	3	2																																																
	26	25	24	23	22																	21	20	19	18	17	16	15																																																	
51	38	37	36	35	34																	33	32	31	30	29	28	27	1																																																
	50	49	48	47	46																	45	44	43	42	41	40	39																																																	
TOOL DES. REL.	N/A	160094-0014	9	B	ST GRY																																																																								
TOOL DES. REL.	12672855	160094-0015	9	C	BLUE																																																																								
TOOL DES. REL.	N/A	160094-0016	9	D	BROWN																																																																								
TOOL DES. REL.	N/A	160094-0017	9	E	GREEN																																																																								
TOOL DES. REL.	N/A	160094-0018	9	F	NATURAL																																																																								
NA	NA	NA	NA	NA	NA	<table border="1"> <tr> <td colspan="16">73</td> </tr> </table>																73																																																							
73																																																																													
SALEABLE	NOT APPLICABLE	34566-2503	0	A	BLACK	72	71	69	68	67	66	64	63	62	59	56	53	50	48	46	44	43	42	39	36	35	33	32	30	29	27	23	20	17	73				14	13	12	11	9	8	5	4	3	2	1																												
SALEABLE	NOT APPLICABLE	34566-2603	0	B	ST GRY	49				48	47	44	39				37	35	33	73				67	66	65	44	39				37	35	33	73				29	28	23	21	7																																		
SALEABLE	NOT APPLICABLE	34566-2703	0	B	ST GRY	49				48	47	44	39				37	35	33	73				65	59				57	55	53	73				29	28	23	21	7																																					
SALEABLE	TBD	34566-2803	0	H	ST GRY																																																																								
SALEABLE	NOT APPLICABLE	34566-2903	0	A	BLACK	72	71	70	69	68	67	66	64	63	62	61	59	55	54	53	52	51	49	48	44	43	42	41	39	35	34	33	32	31	29	27	25	23	19	18	17	73				16	13	12	11	9	8	7	6	5	4	3	2	1																			
SALEABLE	NOT APPLICABLE	34566-3003	0	A	BLACK	72	71	70	69	68	67	66	64	63	62	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	25	24	23	22	21	20	19	18	17	73				16	15	14	13	12	11	9	8	7	6	5	4	3	2	1	
SALEABLE	NOT APPLICABLE	34566-3103	0	B	ST GRY	49				48	46	42				39	37	35	33	73				65	59				57	55	53	73				29	26	23	21	18																																					
SALEABLE	NOT APPLICABLE	34566-3203	0	B	ST GRY	50				49	48	46	39				38	37	35	34	33	73				67	60				59	58	57	56	55	53	73				16	15	14	29	23				22	21	18																										
SALEABLE	NOT APPLICABLE	34566-3303	0	B	ST GRY	50				49	48	46	39				38	37	35	34	33	73				29				23				22	21	18																																									
SALEABLE	NOT APPLICABLE	34566-3403	SEE 34566-3003																																																																										
SALEABLE	NOT APPLICABLE	34566-3503	0	A	BLACK	72	71	69	68	67	66	64	63	62	60	59	35	33	52	49	48	46	44	43	42	40	39	32	29	27	24	23	17	73				14	13	12	11	9	8	7	6	5	4	3	2	1																											



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																				
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER				Fp																				
SALEABLE	NOT APPLICABLE	34566-3603	0	B	ST GRY					68				64					59		57		55		53	
								49	48		46							39		37				35		33
						73				32			29						23		21					
SALEABLE	NOT APPLICABLE	34566-3703	0	A	BLACK					68	67	66	65					59				55		53		
								49	48	47			44					39					35		33	
						73							29	28					23							
SALEABLE	NOT APPLICABLE	34566-3803	0	A	BLACK	72	71		69	68	67	66		64	63	62		59				56			53	
								50		48		46		44	43	42		39					36	35		33
						73				32			30	29			27			23					20	
SALEABLE	NOT APPLICABLE	34566-3903	0	B	ST GRY									65					59		57		55		53	
								49	48		46		44					39		37			35		33	
						73							29	28					24	23		21				
SALEABLE	NOT APPLICABLE	34566-4003	0	B	ST GRY						67	66		64	63			59		57		55		53		
								50	49	48				43				39		37			35		33	
						73				32			29			27			24	23		21				18
SALEABLE	NOT APPLICABLE	34566-4103	0	A	BLACK	72	71		69	68	67	66		64	63	62		59				56			53	
						52			49	48		46	45	44	43	42		40	39					35		33
						73				32			29			27	26		24	23						
SALEABLE	NOT APPLICABLE	34566-4203	0	B	ST GRY									64				59		57		55		53		
								50	49	48		46						39		37			35		33	
						73				32			29					24	23		21				18	
SALEABLE	NOT APPLICABLE	34566-4303	0	A	BLACK			70	69	68	67		65	64	63		61		59	58	57	56			53	
								50	49	48	47					41			38	37	36			34	33	
						73				32	31	30	29	28	27			24	23			20	19	18		
SALEABLE	NOT APPLICABLE	34566-4403	0	A	BLACK	72	71		69	68	67	66		64	63		61		59	58	57	56			53	
								50	49	48	47					41			38	37	36			34	33	
						73				32	31	30	29	28	27			24	23			20	19	18		
SALEABLE	NOT APPLICABLE	34566-4503	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61	
						60	59	58	57	56				53			50						44	43		41
						40	39	38	37		35	34	33	32			30	29		27	26			24	23	22
SALEABLE	NOT APPLICABLE	34566-4603	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61	
						60	59	58	57	56				53			50						44	43		41
						40	39	38	37		35	34	33	32			30	29		27	26			24	23	22
SALEABLE	NOT APPLICABLE	34566-4703	0	B	ST GRY						67	66	65	64				59	58	57		55		53		
								49	48	47			44					39	38	37			35		33	
						73							29						23	22	21					
SALEABLE	NOT APPLICABLE	34566-4803	0	A	BLACK	72	71		69	68	67	66		64	63	62	61		59						53	
									48					44		42	41		39					35		33
						73				32			29			27		25		23						
SALEABLE	NOT APPLICABLE	34566-4903	0	A	BLACK	72	71		69	68		66	65	64	63	62	61		59	58	57	56	55		53	
						52	51	50	49		47			44	43		41			38	37	36	35	34		33
						73				32	31	30	29	28	27			24	23			20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-5003	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61	
						60	59	58	57	56				53	52		50					44	43		41	
						40	39	38	37		35	34	33	32			30	29		27	26			24	23	22



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																													
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION ▽ Fp		COLOR OPTION ▽ Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS ▽ Fp																												
		NUMBER																																	
SALEABLE	NOT APPLICABLE	34566-6603	0	H	ST GRY	79	78	77	76	75	74	73	72	71	70	69	68	66	65	64	63	61													
						60	59	58	57	56		53	52		50																				
						40	39	38	37		35	34	33	32		30	29		27	26					22	21									
						20	19	18	17	16			13	12				8		6	5				3	2									
SALEABLE	NOT APPLICABLE	34566-6703	0	H	ST GRY	79	78	77	76	75	74	73	72	71	70	69	68	66	65	64	63	61													
						60	59	58	57	56		53			50																				
						40	39	38	37		35	34	33	32		30	29		27	26						22	21								
						20	19	18	17			14	13	12		11	10	9	8		6	5				3	2								
SALEABLE	NOT APPLICABLE	34566-6803	0	B	ST GRY				49	48		46		65								59	57	55	53										
																								39	37	35	33								
																29	28								23	21									
																										7									
SALEABLE	NOT APPLICABLE	34566-6903	0	B	ST GRY				49	48		46		64								59	57	55	53										
																								39	37	35	33								
																29									23	21		18							
																										7									
SALEABLE	NOT APPLICABLE	34566-7003	0	B	ST GRY						67	66									59	57	56	55	53										
									50	49	48	47												39	37	36	35	33							
																	29								23	21		18	17						
																	15	13	12						8	7	6	5	4	3					
SALEABLE	NOT APPLICABLE	34566-7103	0	A	BLACK	72	71	70	69	68	67	66		64	63	62		60	59				55	54	53										
						52				49	48			44	43	42		40	39						35	34	33								
																										24	23		19	18	17				
																										16			13	12	11	9	8	7	6
SALEABLE	NOT APPLICABLE	34566-7203	0	B	ST GRY	72	71	70	69	68	67	66	65	64	63	62		60	59					55	54	53									
						52				49	48			44	43	42		40	39							35	34	33							
																											24	23		20	19	18	17		
																											16			13	12	11	9	8	7
SALEABLE	NOT APPLICABLE	34566-7303	0	B	ST GRY				69	68		66											59		55	53									
									49	48		46		44											39	37	35	33							
																29	28									23	21		18	17					
																	12	11	10							7									
SALEABLE	NOT APPLICABLE	34566-7403	0	B	ST GRY				50	49	48		46										59	57	55	53									
																									39	37	35	33							
																										23	21								
																										7	6	5	4	3					
SALEABLE	NOT APPLICABLE	34566-7503	0	A	BLACK	72	71	70	69	68	67	66		64	63	62		60	59	58	57	56	55	54	53										
						52	51	50	49	48	47	46		44	43	42		40	39	38	37	36	35	34	33										
																											24	23	22	21	20	19	18	17	
																											16	15	14	13	12	11	9	8	7
SALEABLE	NOT APPLICABLE	34566-7603	0	B	ST GRY				69	68		66											59	57	55	53									
									49	48		46		44											39	37	35	33							
																29	28									23	21		18	17					
																	12	11	10							7									
SALEABLE	NOT APPLICABLE	34566-7703	0	A	BLACK	72	71	70	69	68	67	66		64	63	62		60	59					55	54	53									
						52				49	48			44	43	42		40	39							35	34	33							
																											24	23		19	18	17			
																											16			13	12	11	9	8	7
SALEABLE	NOT APPLICABLE	34566-7803	0	A	BLACK	72	71	70		68		66		64	63	62	61	60	59					55	54	53									
						52				49	48		46		44	43	42		40	39						35	34	33							
																												24	23		19	18	17		
																											16		14	13	12	11	9	8	7
SALEABLE	NOT APPLICABLE	34566-7903	0	B	ST GRY																		59	57	55	53									
																									39		35	33							
																										23		20	19						
																												4	3	2	1				
SALEABLE	NOT APPLICABLE	34566-8003	0	A	BLACK				69	68			65	64	63		61	60	59	58			56		53										
						52			50	49	48	47							41			38	37	36		34	33								
																												24	23		20	19	18	17	
																											16			13	12	11	10	9	

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																								
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION ▽ Fp	COLOR OPTION ▽ Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																								
		NUMBER				▽ Fp																								
SALEABLE	NOT APPLICABLE	34566-8103	0	H	ST GRAY			78							72	71	70	69	68		66	65	64	63		61				
						60	59	58	57	56			53	52		50											44	43		41
						40			37		35	34	33	32		30	29						27	26				24		22
SALEABLE	NOT APPLICABLE	34566-8203	0	A	BLACK			70			67	66								58			56	55	54					
										47			44	43	42	41		39			37	36					34			
						73				31	30			27		25	24					21	20	19	18					
SALEABLE	NOT APPLICABLE	34566-8303	0	A	BLACK	72	71		69	68	67	66		64	63	62			59	58	57	56			54	53				
						52	51	50	49	48	47	46		44	43	42			39	38	37	36	35	34	33					
						73				32	31	30	29		27			24	23	22	21	20	19							17
SALEABLE	NOT APPLICABLE	34566-8403	0	B	ST GRAY								65	64					59		57			55		53				
								50	49	48		46						39		37				35					33	
						73				32			29					24	23		21									
SALEABLE	NOT APPLICABLE	34566-8503	0	B	ST GRAY								65	64					59		57			55		53				
						72	71	70	69	68	67	66		64	63	62			60	59						55	54	53		
						52			49	48				44	43	42			39								35	34	33	
SALEABLE	NOT APPLICABLE	34566-8603	0	A	BLACK				69	68		66							59		57			55		53				
									49	48		46		44					39	38	37					35			33	
						73						29	28					23		21								18		17
SALEABLE	NOT APPLICABLE	34566-8703	0	B	ST GRAY				69	68		66		64				59		57			55		53					
								50	49	48	47		44					39		37					35				33	
						73						29	28					23		21										17
SALEABLE	NOT APPLICABLE	34566-8803	0	B	ST GRAY					68	67	66	65					59	58	57				54	53					
							51	50	49	48		46	45		43	42		40	39	38	37								33	
						73				32	31	30				26		24	23	22		20								
SALEABLE	NOT APPLICABLE	34566-8903	0	H	ST GRAY			78									71	70	69	68	67	66	65	64	63		61			
								58	57	56			53	52		51	50										44	43		41
						40			37		35	34	33	32		30	29					27	26						22	21
SALEABLE	NOT APPLICABLE	34566-9003	0	B	ST GRAY				69	68		66						59		57			55		53					
									49	48		46		44				39		37					35				33	
						73						29	28					23		21										18
SALEABLE	NOT APPLICABLE	34566-9103	0	A	BLACK					68			65		63		61		59	58			56			53				
						52	51	50			47					41			38	37	36	35	34	33						
						73				32	31	30	29	28	27		25	24	23	22	21	20	19	18	17					1
SALEABLE	NOT APPLICABLE	34566-9203	0	A	BLACK	72	71	70	69	68	67	66		64	63	62		60	59					55	54	53				
						52			49	48				44	43	42		40	39	38						35	34	33		
						73						30	29	28	27			24	23		19	18	17							1
SALEABLE	NOT APPLICABLE	34566-9303	0	A	BLACK														59	58	57	56	55	54	53					
								50	49	48	47	46		44	43	42			39	38	37	36	35	34	33					
						73				32	31	30	29		27			24	23	22	21	20	19							17
SALEABLE	NOT APPLICABLE	34566-9403	0	B	ST GRAY					68	67	66	65					59	58	57				54	53					
								50	49	48		46	45		43	42	41	40	39	38	37				35				33	
						73				32	31	30				26		24	23	22		20								
SALEABLE	NOT APPLICABLE	34566-9503	0	A	BLACK														59	58	57	56								
						72	71	70	69	68			65	64	63		61		59	58	57	56								
						52	51		49		47						41			38	37	36					34	33		
73				32	31	30	29	28	27			24	23			20	19	18	17					1						



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																											
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION △ Fp	COLOR OPTION △ Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																											
		NUMBER				△ Fp																											
SALEABLE	NOT APPLICABLE	34566-9603	0	A	BLACK		71	70	69	68		66	65	64	63		61		59	58	57	56											
						52		50	49		47								41			38	37	36	35	34	33						
						73				32	31	30	29	28	27					24	23					20	19	18	17				1
SALEABLE	NOT APPLICABLE	34566-9703	0	A	BLACK	72	71	70	69	68			65	64	63		61		59		57	56											
						52	51	50	49		47							41			38	37	36			34	33						
						73				32	31	30	29	28	27					24	23					20	19	18			2	1	
SALEABLE	NOT APPLICABLE	34566-9803	0	A	BLACK	72	71	70	69	68			65	64	63		61		59		57	56											
						52	51	50	49		47							41			38	37	36			34	33						
						73				32	31	30	29	28	27					24	23					20	19	18				1	
SALEABLE	NOT APPLICABLE	34566-9903	0	A	BLACK		71		69	68			65	64	63		61		59	58	57	56											
						52		50	49		47							41			38	37	36			34	33						
						73				32	31	30	29	28	27					24	23					20	19	18	17				1
SALEABLE	NOT APPLICABLE	34566-1013	0	A	BLACK		71		69	68			65	64	63		61		59	58	57	56											
						52		50	49		47							41			38	37	36			34	33						
						73				32	31	30	29	28	27					24	23					20	19	18	17				1
SALEABLE	NOT APPLICABLE	34566-1023	0	A	BLACK			70		67	66	65								58	57		55	54									
								50	49		47				44	43	42	41		39			37			35							
						73				32		30			27		25	24				21	20	19	18	17							
SALEABLE	NOT APPLICABLE	34566-1033	0	A	BLACK	72		70		67	66	65							58	57		55	54										
								50	49		47			44	43	42	41		39			37			35								
						73				32		30			27	26	25	24				21	20	19	18	17							
SALEABLE	NOT APPLICABLE	34566-1043	0	B	ST GRY		71	70		68		66	65						59	58	57			54	53								
							51	50	49	48		46	45		43		41	40	39	38	37	36	35			33							
						73				32	31	30							24	23	22			20									
SALEABLE	NOT APPLICABLE	34566-1053	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61		59	58	57	56	55	54	53
						60	59	58	57	56			53	52		50										44	43						
						40	39	38	37		35	34	33	32		30	29															22	21
SALEABLE	NOT APPLICABLE	34566-1063	0	B	ST GRY												60	59		57	56	55	54										
								49	48	47			44					40	39		37	36	35			33							
						73							29	28					24	23			21									2	
SALEABLE	NOT APPLICABLE	34566-1073	0	A	BLACK	72	71	70	69	68	67	66	65	64	63		61		59	58	57	56			54								
								50	49	48	47							42	41			38	37	36			34	33					
						73				32	31	30	29	28	27	26			24	23					20	19	18						
SALEABLE	NOT APPLICABLE	34566-1083	0	B	ST GRY					68	67	66	65	64				59	58	57		55	54	53									
								51	50	49	48		46	45		43	42	41	40	39	38	37		35									
						73				32	31	30			26		24	23	22			20											
SALEABLE	NOT APPLICABLE	34566-1093	0	A	BLACK			70		68	67	66							58		56	55	54										
								49		47			44	43	42	41		39			37	36			34								
						73					31	30			27		25	24				21	20	19	18								
SALEABLE	NOT APPLICABLE	34566-1123	0	H	ST GRY			78						72	71	70	69	68	67	66	65	64	63		61		59	58	57	56	55	54	53
								58	57	56			53	52		51	50								44	43							
						40			37		35	34	33	32		30	29															22	21
SALEABLE	NOT APPLICABLE	34566-1133	0	A	BLACK			70		68	67	66							58	57		55	54										
								49		47			45	44	43	42	41		39			37			34								
						73				32		30			27		25	24				21	20	19	18								

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER				Fp																					
SALEABLE	NOT APPLICABLE	34566-1143	0	A	BLACK	52		50		68			65		63		61		59	58		56			53		
										32	31	30	29	28	27		25	24	23	22	21	20	19	18	17		
						73			16	15	14	13	12	11	10	9											1
SALEABLE	NOT APPLICABLE	34566-1153	0	A	BLACK			70				67	66	65					58	57		55					
								49				47			44	43	42	41		39		37					
						73			32			30			27		25	24	23		21	20	19	18			
SALEABLE	NOT APPLICABLE	34566-1163	0	H	ST GRAY			78						72	71	70	69	68		66	65	64	63		61		
						60	59	58	57	56			53	52		50								44	43		41
						40			37		35	34		32		30	29		27	26							22
SALEABLE	NOT APPLICABLE	34566-1173	0	A	BLACK	20	19	18	17	16			13	12				8		6	5		3	2			
						72	71		69	68			65	64	63	62	61	60	59	58		56		54			
						52		50	49	48	47		45			42	41		38	37	36		34	33			
SALEABLE	NOT APPLICABLE	34566-1183	0	B	ST GRAY	73			32	31	30	29	28	27	26		24	23		20	19	18	17				
										16			13	12	11	10	9										
												66	65	64		62			59		57		55		53		
SALEABLE	NOT APPLICABLE	34566-1193	0	A	BLACK				49	48	47			44		42			39		37		35		33		
						73						29	28					23		21							17
						72	71		69	68	67	66		64	63	62		60	59							54	53
SALEABLE	NOT APPLICABLE	34566-1213	0	A	BLACK	52			49	48		46		44	43	42			39					34	33		
						73			32			29			27			23									17
												14	13	12	11		9	8	7	6	5	4	3	2	1		
SALEABLE	NOT APPLICABLE	34566-1223	0	B	ST GRAY	72	71		69	68	67	66		64	63	62			59					54	53		
						52			49	48		46		44	43	42			39							34	33
						73			32			29			27			23									17
SALEABLE	NOT APPLICABLE	34566-1233	0	B	ST GRAY																						
										48				43	42			39		37		35		33			
						73						29			27	26		23		21							17
SALEABLE	NOT APPLICABLE	34566-1243	0	B	ST GRAY																						
								50		48		46						39		37		35		33			
						73						29						23		21							17
SALEABLE	NOT APPLICABLE	34566-1253	9	B	ST GRAY																						
									49	48		46					60	59		57		55		53			
						73												40	39		37		35		33		
SALEABLE	NOT APPLICABLE	34566-1263	9	A	BLACK	NUMBERS IN BOLD MUST USE SAE WIRE MEETING SAE J1128, WIRE SIZE (NO.20) OR (NO.18 MAX. O.D. OF 2.06 MM) PER G.M. DRAWING NUMBER 12582682.																					
						72	71		69	68	67	66		64	63	62			59				56			53	
								50		48		46		44	43	42			39				36	35		33	
SALEABLE	NOT APPLICABLE	34566-1273	0	A	BLACK	73			32		30	29		27		24	23		20			17					
												14	13	12	11		9	8		5	4	3	2	1			
								70	69	68			65	64	63		61		59	58	57	56				54	
SALEABLE	NOT APPLICABLE	34566-1283	0	A	BLACK	52		50	49	48	47					41			38	37	36		34	33			
						73			32	31	30	29	28	27			24	23				20	19	18			
										16			13	12	11	10	9										1

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-1293	0	A	BLACK	52		50		68			65		63		61		59	58		56			34	33		
						73			32	31	30	29	28	27			24	23					20	19	18	17		
						73			16			13	12	11	10	9												
SALEABLE	NOT APPLICABLE	34566-1313	0	H	ST GRY	80		78						72	71	70	69	68			66	65	64	63		61		
								58	57	56	55	54	53									46		44	43	42		
						40			37		35				32			30	29			27	26					
SALEABLE	NOT APPLICABLE	34566-1323	0	A	BLACK	72	71	70	69	68	67	66	65	64	63	62		60	59	58	57	56	55	54	53			
						52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33			
						73			32	31	30	29	28	27			25	24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-1333	0	A	BLACK			70	69	68			65	64					59	58		56						
						52		50	49			47					41				38	37	36			34		
						73			32	31	30	29	28	27					23						20	19	18	17
SALEABLE	NOT APPLICABLE	34566-1343	0	A	BLACK																							
								50	49	48	47							41				38	37	36			34	
						73			32	31	30	29	28	27					23						20	19	18	17
SALEABLE	NOT APPLICABLE	34566-1353	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68			66	65	64	63		61		
						60	59	58	57	56			53				50								44	43		41
						40	39	38	37		35	34			32			30	29			27	26					22
SALEABLE	NOT APPLICABLE	34566-1363	0	A	BLACK	72	71		69	68	67	66		64	63	62			59									
										48		46		44	43	42				39							33	
						73			32			29			27			24	23									17
SALEABLE	NOT APPLICABLE	34566-1373	0	B	ST GRY								66	65			62			59		57		55	53			
										48		46				42			39			37		35		33		
						73						29			26			23			21							17
SALEABLE	NOT APPLICABLE	34566-1383	0	B	ST GRY																							
								49	48	47	46								59	58	57		55		53			
						73						29						23	22	21								17
SALEABLE	NOT APPLICABLE	34566-1393	0	A	BLACK			70			67	66					61			58	57		55	54				
										47		45	44	43	42	41		39			37					34		
						73			32		30				27		25	24			21	20	19	18				1
SALEABLE	NOT APPLICABLE	34566-1423	0	B	ST GRY					68	67	66	65				61	60	59	58	57			54	53			
							51	50	49	48	47	46	45		43	42	41	40	39	38	37		35	34	33			
						73			32	31	30				26		24	23	22	21	20							
SALEABLE	NOT APPLICABLE	34566-1433	0	B	ST GRY																							
								49	48		46								59		57		55		53			
						73			32			29						23		21					18	17		
SALEABLE	NOT APPLICABLE	34566-1443	0	B	ST GRY				69	68		66							59		57		55	53				
								49	48		46								39		37		35		33			
						73						29						23		21								17
SALEABLE	NOT APPLICABLE	34566-1453	0	B	ST GRY																							
								49	48	47									59		57		55		53			
						73						29	28		26			23		21								17
SALEABLE	NOT APPLICABLE	34566-1463	0	A	BLACK				69	68			65	64	63	62	61	60	59	58		56						
						52		50	49	48	47		45				41			38	37	36			34	33		
						73			32	31	30	29	28	27			24	23					20	19	18	17		

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																				
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER				Fp																				
SALEABLE	NOT APPLICABLE	34566-1473	0	A	BLACK	72	71		69	68	67	66		64	63	62		59					54	53		
						52			49	48		46		44	43	42		39							34	33
						73						32			29		27			24	23					
SALEABLE	NOT APPLICABLE	34566-1483	0	A	BLACK	72	71		69	68				65	64	63		61		59	58		56			
						52		50	49		47						41			38	37	36		34	33	
						73				32	31	30	29	28	27			24	23			20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-1493	0	B	ST GRAY				68									59	58	57		55	53			
								49	48		46							39	38	37		35		33		
						73						29						23	22	21			18	17		
SALEABLE	NOT APPLICABLE	34566-1513	0	B	ST GRAY				68								59		57		55	53				
								49	48		46						39		37		35		33			
						73						29						23		21				17		
SALEABLE	NOT APPLICABLE	34566-1523	0	A	BLACK			70	69	68			65	64				59	58		56		54			
						52		50	49		47					42	41		38	37	36		34			
						73				32	31	30	29	28	27	26			23			20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-1533	0	A	BLACK			70	69	68			65	64				59	58	57	56		54			
						52	51	50	49		47					42	41		38	37	36		34	33		
						73				32	31	30	29	28	27			24	23			20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-1543	0	B	ST GRAY				69	68		66					59		57		55	53				
								49	48		46					39		37		35		33				
						73						29						23		21						
SALEABLE	12582677	34566-1553	0	A	BLACK																					
						73																				
TOOL DESIGN SALEABLE	NOT APPLICABLE	34566-1563	9	A	BLACK																					
73																										
TOOL DESIGN SALEABLE	NOT APPLICABLE	34566-1573	9	H	ST GRAY																					
						73																				
SALEABLE	NOT APPLICABLE	34566-1583	0	A	BLACK			70			67	66	65				61		58	57		55	54			
								49		47		45	44	43	42	41		39		37		34				
						73				32		30			27		25	24			21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-1593	0	B	ST GRAY				67		65				61	60	59	58	57		54	53				
							51	50	49	48	47	46	45		43	42		40	39		37		34	33		
						73				32	31	30			26		24	23	22	21	20					
SALEABLE	NOT APPLICABLE	34566-1613	0	H	ST GRAY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63	61		
						60	59	58	57	56			53			50							44	43		41
						40	39	38	37		35	34	33	32		30	29		27	26			24	23	22	21
SALEABLE	NOT APPLICABLE	34566-1623	0	B	ST GRAY						66	65				62		59		57		55	53			
									48	47					42		39		37		35		33			
						73						29			26		23		21							
SALEABLE	NOT APPLICABLE	34566-1633	0	B	ST GRAY				69	68		66					59		57		55	53				
								50		48	47						39		37		35		33			
						73						29						23		21						



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-1643	0	B	ST GRAY				69	68		66							59		57		55		53			
								50		48		46									39		37		35		33	
						73									29							23		21				17
SALEABLE	NOT APPLICABLE	34566-1653	0	B	ST GRAY							66							59		57		55		53			
								50		48		46									39		37		35		33	
						73									15				12	11	10			7	6	5	4	3
SALEABLE	NOT APPLICABLE	34566-1663	0	B	ST GRAY							66							59		57		55		53			
								50		48		46									39		37		35		33	
						73																29		23		21		17
SALEABLE	NOT APPLICABLE	34566-1673	0	A	BLACK	72	71	70	69	68	67	66	65	64	63	62		60	59					55	54	53		
						52			49	48			45	44	43	42	41	40	39							35	34	33
						73											29		27		25	24	23				19	18
SALEABLE	NOT APPLICABLE	34566-1683	0	B	ST GRAY							67	66			63			59	58	57	56	55		53			
								50	49	48											39	38	37	36	35		33	
						73																29		27		23	22	21
SALEABLE	NOT APPLICABLE	34566-1693	0	B	ST GRAY							66		64					59		57		55		53			
								49	48		46										39		37		35		33	
						73																32		29		23		21
SALEABLE	NOT APPLICABLE	34566-1713	0	B	ST GRAY		71	70		68		66	65	64	63		60	59	58	57	56	55	54	53				
							51	50	49	48		46	45		43		41	40	39	38	37	36	35		33			
						73																32	31	30		24	23	22
SALEABLE	NOT APPLICABLE	34566-1723	0	B	ST GRAY		71	70		68		66	65				60	59	58	57			54	53				
							51	50	49	48		46	45		43		41	40	39	38	37	36	35		33			
						73																32	31	30		24	23	22
SALEABLE	NOT APPLICABLE	34566-1733	0	A	BLACK			70		68	67	66	65					58	57			55						
								49		47			44	43	42	41		39		37		35						
						73																32		30		27	25	24
SALEABLE	NOT APPLICABLE	34566-1743	0	A	BLACK			70		67	66	65					58	57			55							
								49		47			44	43	42	41		39		37		35						
						73																32		30		27	25	24
SALEABLE	NOT APPLICABLE	34566-1753	0	A	BLACK			70		67	66	65					58	57			55							
								49		47			44	43	42	41		39		37		35						
						73																32		30		27	25	24
SALEABLE	NOT APPLICABLE	34566-1763	0	B	ST GRAY					67		65				61	60	59	58	57			54	53				
							51	50	49	48	47	46	45		43		40	39		37		35			34	33		
						73																32	31	30		24	23	22
SALEABLE	NOT APPLICABLE	34566-1773	0	C	BLUE	72		70				67	66			63	62			59		57			53			
						52	51					46		44		42		40	39						34	33		
						73																	30		27	26	25	
SALEABLE	NOT APPLICABLE	34566-1783	0	C	BLUE			70				67	66			63	62			59		57			53			
						52	51					46		44		42		40	39						34	33		
						73																	30		26	25		
SALEABLE	NOT APPLICABLE	34566-1793	0	A	BLACK				69							63	62	61		58	57	56	55	54	53			
						52	51		49				44	43	42	41								37	36	35	34	33
						73																	32		29	28	27	26

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																				
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER				Fp																				
SALEABLE	NOT APPLICABLE	34566-1813	0	B	ST GRAY	72	71	70		68	67	66				62	61	60	59	58	57	56	55	54	53	
						52	51	50		48	47	46				42	41	40	39	38	37	36	35	34	33	
						73				32	31	30	29	28	27	26	25	24	23							
SALEABLE	NOT APPLICABLE	34566-1823	0	A	BLACK	72	71	70	69	68		66	65	64			61		59	58		56		54	53	
						52		50	49		47					42	41			38	37	36		34	33	
						73				32	31	30	29	28	27	26		24	23	22	21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-1833	0	A	BLACK					68		65		63		61		59	58		56					
						52		50			47					41			38	37	36		34	33		
						73				32	31	30	29	28	27		25	24	23		20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-1843	0	A	BLACK					68		65		63		61		59	58		56					
						52		50			47					41			38	37	36		34	33		
						73				32	31	30	29	28	27		25	24	23		20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-1853	0	A	BLACK			70	69	68	67		65		63		61	60			57	56	55	54	53	
						52		50	49	48	47			44	43		41	40			37	36	35	34	33	
						73						30	29	28			25	24		21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-1863	0	B	ST GRAY					68	67		66	65	64	63										
												46	45		43											
						73				32		30	29	28	27											
SALEABLE	NOT APPLICABLE	34566-1873	0	C	BLUE	72		70			67	66			63	62			59		57				53	
						52	51					46		44		42		40	39						34	33
						73				32		30			27	26	25			22	21	20				
SALEABLE	NOT APPLICABLE	34566-1883	0	A	BLACK			70		68	67	66	65						58	57		55				
								49		47			44	43	42	41	40	39		37		35				
						73				32		30			27		25	24		21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-1893	0	C	BLUE			70				66			63			59		57					53	
						52	51					46		44		42		40	39						34	33
						73				32		30			27	26	25			22	21	20				
SALEABLE	NOT APPLICABLE	34566-1913	0	B	ST GRAY			70		68		66					60	59				55	54	53		
						52		50		48		46					40	39					35	34	33	
						73				32	31	30	29	28	27	26	25	24								
SALEABLE	NOT APPLICABLE	34566-1923	0	A	BLACK				69						63				58		56	55	54	53		
						52	51		49				44	43	42	41					36	35	34	33		
						73				32				28		26						19	18			
SALEABLE	NOT APPLICABLE	34566-1933	0	A	BLACK			70			67	66	65					58	57		55					
								49		47			44	43	42	41	40	39		37		35				
						73				32		30			27		25	24		21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-1943	0	A	BLACK			70			67	66	65					58	57		55					
							51		49		47			44	43	42	41	40	39		37		35			
						73				32		30			27		25	24		21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-1953	0	C	BLUE			70				66			63			59		57					53	
						52	51			48	47	46		44		42		40	39						34	33
						73						30				26	25			22	21	20				
SALEABLE	NOT APPLICABLE	34566-1963	0	C	BLUE			70				66			63			59		57					53	
						52	51					46		44		42		40	39						34	33
						73						30				26	25			22	21	20				

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER				Fp																					
SALEABLE	NOT APPLICABLE	34566-1973	0	A	BLACK				69							63						56	55	54	53		
						52	51		49					44	43	42	41							36	35	34	33
						73				32				28		26			23				21			19	18
SALEABLE	NOT APPLICABLE	34566-1983	0	B	ST GRY																						
						73																					
SALEABLE	NOT APPLICABLE	34566-1993	0	C	BLUE																						
						73																					
SALEABLE	NOT APPLICABLE	34566-2013	0	A	BLACK		71	70					65				60	59	58	57				54	53		
							51	50	49	48		46	45		43		41	40	39		37	36	35				33
						73				32	31	30						24	23	22		20					
SALEABLE	NOT APPLICABLE	34566-2023	0	A	BLACK			70		68	67	66	65							58	57			55			
									49		47			44	43	42	41		39		37			35			
						73				32		30				27		25	24			21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-2033	0	A	BLACK		71	70					65	64			60	59	58	57				55	54	53	
							51	50	49	48		46	45		43		41	40	39		37	36	35				33
						73				32	31	30						24	23	22		20					
SALEABLE	NOT APPLICABLE	34566-2043	0	A	BLACK			70			67	66	65						58	57			55				
									49		47			44	43	42	41		39		37			35			
						73				32		30				27		25	24			21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-2053	0	B	ST GRY			70		68	67	66	65						58	57			55				
									49		47			44	43	42	41		39		37			35			
						73				32		30				27		25	24	23		21	20	19	18		
SALEABLE	NOT APPLICABLE	34566-2063	0	H	ST GRY			78						72	71	70	69	68		66	65	64	63		61		
								58	57	56			53	52		50						44	43			41	
						40			37		35	34		32		30	29		27	26						22	21
SALEABLE	NOT APPLICABLE	34566-2073	0	H	ST GRY			78						72	71	70	69	68		66	65	64	63		61		
								58	57	56			53	52		50						44	43			41	
						40			37		35	34		32		30	29		27	26						22	21
SALEABLE	NOT APPLICABLE	34566-2083	0	H	ST GRY			78						72	71	70	69	68	67	66	65	64	63		61		
								58	57	56			53	52	51	50						44	43			41	
						40			37		35	34		32		30	29		27	26						22	21
SALEABLE	NOT APPLICABLE	34566-2093	0	A	BLACK					68			65		63		61		59	58		56					
								50			47					41			38	37	36			34	33		
						73				32	31	30	29	28	27		25	24	23			20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-2113	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61		
							60	59	58	57	56	55		53	52		50					44	43	42	41		
						40	39	38	37		35	34	33	32		30	29		27	26						22	21
SALEABLE	NOT APPLICABLE	34566-2123	0	H	ST GRY		79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61		
							60	59	58	57	56	55		53	52		50					44	43	42	41		
						40	39	38	37		35	34	33	32		30	29		27	26						22	21
SALEABLE	NOT APPLICABLE	34566-2133	0	B	ST GRY		71	70					65	64				60	59	58	57			55	54	53	
							51	50	49	48		46	45		43		41	40	39		37	36	35				33
						73				32	31	30						24	23	22		20					

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																				
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER				Fp																				
SALEABLE	NOT APPLICABLE	34566-2143	0	B	ST GRAY	71	70					65				60	59	58	57			54	53			
						51	50	49	48		46	45		43		41	40	39		37	36	35			33	
						73			32	31	30					24	23	22		20						
SALEABLE	NOT APPLICABLE	34566-2153	0	A	BLACK	70			68	67	66	65						58	57		55					
								49		47			44	43	42	41		39		37						
						73			32		30			27		25	24	23		21	20	19	18			
SALEABLE	NOT APPLICABLE	34566-2163	0	A	BLACK	70				67	66					61			58		55	54				
								49		47		45	44	43	42	41		39		37				34		
						73			32					27		24			21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-2173	0	A	BLACK	70				67	66	65				61			58		55	54				
								49		47		45	44	43	42	41		39		37				34		
						73			32		30			27		25	24		21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-2183	0	A	BLACK	70				67	66							58	57		55					
								49		47			44	43	42	41		39		37						
						73			32					27		24			21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-2193	0	A	BLACK	70				67	66	65						58	57		55					
								49		47			44	43	42	41		39		37						
						73			32		30			27		25	24		21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-2213	9	H	ST GRAY	79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61		
						60	59	58	57	56			53			50						44	43		41	
						40	39	38	37		35	34	33	32		30	29		27	26		24	23	22	21	
SALEABLE	NOT APPLICABLE	34566-2223	0	A	BLACK	72	71	70	69	68	67	66		64	63	62		60	59				55	54	53	
						52			49	48		46		44	43	42		40	39					35	34	33
						73			32			29		27		24	23					19	18	17		
SALEABLE	NOT APPLICABLE	34566-2233	0	A	BLACK	69									63				58		56	54				
						52	51	50	49				44	43	42	41					36	35	34	33		
						73			32				28		26							19	18			
SALEABLE	NOT APPLICABLE	34566-2243	0	H	ST GRAY	79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63		61		
						60	59	58	57	56			53	52		50						44	43		41	
						40	39	38	37		35	34	33	32		30	29		27	26		24	23	22	21	
SALEABLE	NOT APPLICABLE	34566-2253	0	A	BLACK	72	71	70	69	68		66	65	64	63		61		59	58		56		54	53	
						52		50	49		47				42	41			38	37	36			34	33	
						73			32	31	30	29	28	27	26		24	23	22	21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-2263	0	A	BLACK	69									63				58		56	55	54	53		
						52	51	50	49				44	43	42	41					36	35	34	33		
						73			32				28		26							19	18			
SALEABLE	NOT APPLICABLE	34566-2273	0	A	BLACK	69									63	62	61			58	57	56	55	54	53	
						52	51	50	49				44	43	42	41				37	36	35	34	33		
						73			32			29	28	27	26							19	18			
SALEABLE	NOT APPLICABLE	34566-2283	0	B	ST GRAY	49				68	67	66	65	64	63							55				
									48		46	45	44	43												
						73			32		30	29	28	27												
SALEABLE	NOT APPLICABLE	34566-2293	0	C	BLUE	72		70		68		66			63				59		57			53		
						52	51			48	47	46		44		42		40	39						34	33
						73					30				26	25			22	21						

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION		COLOR OPTION	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER																									
SALEABLE	NOT APPLICABLE	34566-2313	0	C	BLUE	72		70				66			63			59		57				53			
						52	51					46		44			42		40	39					34	33	
						73							30				26	25			22	21					
SALEABLE	NOT APPLICABLE	34566-2323	0	C	BLUE	72		70		68		66			63			59		57				53			
						52	51			48	47	46		44			42		40	39					34	33	
						73							30				26	25			22	21	20				
SALEABLE	NOT APPLICABLE	34566-2333	0	A	BLACK		71		69	68			65	64	63			59		57	56						
						52		50	49			47				41		39	38	37	36			34	33		
						73						32	31	30	29	28	27		24	23	22		20	19	18		1
SALEABLE	NOT APPLICABLE	34566-2343	0	A	BLACK	72		70		68	67	66	65						58	57		55					
									49			47			44	43	42	41		39		37		35			
						73						32		30				27		25	24			21	20	19	18
SALEABLE	NOT APPLICABLE	34566-2353	0	A	BLACK					68	67	66	65						58	57		55					
									49			47			44	43	42	41		39		37		35			
						73						32		30				27		25	24			21	20	19	18
SALEABLE	NOT APPLICABLE	34566-2363	0	C	BLUE	72		70				66			63	62		59		57				53			
						52	51					46		44			42		40	39	38				34	33	
						73						32		30				27	26	25			22	21	20		
SALEABLE	NOT APPLICABLE	34566-2373	0	B	ST GRY					68	67	66	65	64			61	60	59	58	57		55	54	53		
							51	50	49	48	47	46	45		43	42	41	40	39	38	37		35	34	33		
						73						32	31	30				26		24	23	22	21	20			
SALEABLE	NOT APPLICABLE	34566-2383	0	B	ST GRY								65					59		57		55		53			
								50	49	48		46							39		37		35		33		
						73														24	23		21				
SALEABLE	NOT APPLICABLE	34566-2393	0	B	ST GRY												59		57		55		53				
								50	49	48		46							39		37		35		33		
						73									29						23		21				
SALEABLE	NOT APPLICABLE	34566-2413	0	A	BLACK			70			67	66	65						58	57		55					
									49			47			44	43	42	41		39		37		35			
						73						32		30				27		25	24			21	20	19	18
SALEABLE	NOT APPLICABLE	34566-2423	0	A	BLACK										63						58	57	56	55	54	53	
						52	51		49					44	43	42	41							36	35	34	33
						73						32						28		26						19	18
SALEABLE	NOT APPLICABLE	34566-2433	0	A	BLACK				69						63								56	55	54	53	
						52	51		49					44	43	42	41							36	35	34	33
						73						32						28		26			23			19	18
SALEABLE	NOT APPLICABLE	34566-2443	0	C	BLUE	72		70		68		66			63			59		57					53		
						52	51			48	47	46		44				40	39						34	33	
						73						32		30				26	25			22	21	20			
SALEABLE	NOT APPLICABLE	34566-2453	0	A	BLACK		71		69				65	64	63					58	57	56	55	54	53		
						52	51		49				45	44	43	42	41						37	36	35	34	33
						73						32		30				28		26			23			19	18
SALEABLE	NOT APPLICABLE	34566-2463	0	A	BLACK		71		69				65	64	63						57	56	55	54	53		
						52	51		49				45	44	43	42	41						37	36	35	34	33
						73						32		30	29	28		26			23				19	18	

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																								
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp		COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																							
		NUMBER					Fp																							
SALEABLE	NOT APPLICABLE	34566-2473	0	A	BLACK	70	68	67	66	65									58	57		55								
						49		47				44	43	42	41							39			35					
						73			32		30															21	20	19	18	17
SALEABLE	NOT APPLICABLE	34566-2483	0	A	BLACK	69																								
						52	51		49					44	43	42	41								37	36	35	34	33	
						73			32				29	28	27	26														19
SALEABLE	NOT APPLICABLE	34566-2493 SAME AS P/N 34566-3863	0	B	ST GRN	72	71	70																						
						52	51	50																						
						73			32	31	30	29	28	27	26	25	24													
SALEABLE	NOT APPLICABLE	34566-2513	0	C	BLUE	72		70																						
						52	51							44																
						73			32		30																			
SALEABLE	NOT APPLICABLE	34566-2523	0	A	BLACK	72	71	70	69																					
						52			49					45	44	43	42	41	40	39										
						73			32				29	28	27															
SALEABLE	NOT APPLICABLE	34566-2533	0	B	ST GRN	50	49																							
						73							29																	
						72		70																						
SALEABLE	NOT APPLICABLE	34566-2543	0	C	BLUE	52	51																							
						73			32		30																			
						72	71	70																						
SALEABLE	NOT APPLICABLE	34566-2553	9	B	ST GRN	52	51	50																						
						73			32	31	30	29	28	27	26	25	24	23												
						72	71	70																						
SALEABLE	NOT APPLICABLE	34566-2563	9	A	BLACK	52	51	50	49																					
						73			32				29	28	27	26														
						72		70																						
SALEABLE	NOT APPLICABLE	34566-2573	9	C	BLUE	52	51																							
						73					30																			
						72		70																						
SALEABLE	NOT APPLICABLE	34566-2583	0	A	BLACK	52	51	50	49																					
						73			32				28																	
						72		70																						
SALEABLE	NOT APPLICABLE	34566-2593	0	C	BLUE	52	51																							
						73			32		30																			
						72		70																						
SALEABLE	NOT APPLICABLE	34566-2613	9	C	BLUE	52	51																							
						73					30																			
						72		70																						
SALEABLE	NOT APPLICABLE	34566-2623	0	A	BLACK	71		69																						
						50	49																							
						73			32	31	30	29	28	27																
SALEABLE	NOT APPLICABLE	34566-2633	0	A	BLACK	71		69																						
						50	49																							
						73			32	31	30	29	28	27																

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																											
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp		COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																										
		NUMBER					Fp																										
SALEABLE	NOT APPLICABLE	34566-2643	0	A	BLACK	71			69	68	67		65	64	63		61		59		57	56							34	33			
						50	49			32	31	30	29	28	27		24	23	22		20	19	18										
						73					16			13	12	11	10	9		7					4								
SALEABLE	NOT APPLICABLE	34566-2653	0	A	BLACK	71			69	68	67		65	64			61		59		57	56									33		
						50	49			32	31	30	29	28	27		24	23	22		20	19	18										
						73					16					11	10	9		7					4								
SALEABLE	NOT APPLICABLE	34566-2663	0	H	ST GRAY	79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63									61		
						60	59	58	57	56			53			50									44	43						41	
						40	39	38	37		35	34			32		30	29		27	26											22	21
SALEABLE	NOT APPLICABLE	34566-2673	0	H	ST GRAY	79	78	77	76	75	74	73	72	71	70	69	68		66	65	64	63									61		
						60	59	58	57	56			53	52		50									44	43						41	
						40	39	38	37		35	34			32		30	29		27	26											22	21
SALEABLE	NOT APPLICABLE	34566-2683	0	H	ST GRAY	78							72	71	70	69	68	67	66	65	64	63									61		
						60	59	58	57	56			53	52	51	50			48	47					44	43						41	
						40			37		35	34			32		30	29		27	26											22	21
SALEABLE	NOT APPLICABLE	34566-2693	0	B	ST GRAY	71	70			68		66	65				60	59	58	57										54	53		
						51	50	49	48		46	45			43	42	41	40	39	38	37	36	35									33	
						73					32	31	30						24	23	22		20										
SALEABLE	NOT APPLICABLE	34566-2713	0	A	BLACK	69	68					65	64	63		61	60	59	58											34	33		
						52		50	49		47					41				38	37	36										17	
						73					32	31	30	29	28	27		25	24	23		20	19	18									1
SALEABLE	NOT APPLICABLE	34566-2723	0	B	ST GRAY	71	70			68		66	65	64	63		60	59	58	57	56	55	54	53									
						51	50	49	48		46	45			43	42	41	40	39	38	37	36	35									33	
						73					32	31	30						24	23	22		20	19									
SALEABLE	NOT APPLICABLE	34566-2733	0	A	BLACK	70				68	67	66	65					58	57														
						52		50	49		47			44	43	42	41		39	37													
						73					32		30				27		25	24	23		21	20	19	18	17						
SALEABLE	NOT APPLICABLE	34566-2743	0	C	BLUE	72		70			67	66			63	62		59												53			
						52	51					46		44		42		40	39												34	33	
						73					32		30				26	25				22	21	20									
SALEABLE	NOT APPLICABLE	34566-2753	0	A	BLACK	52	51		49					44	43	42	41													53			
						73					32		29	28	27	26															19	18	
								16	15		13	12	11	10											3								
SALEABLE	NOT APPLICABLE	34566-2763	0	B	ST GRAY	72	71	70		68	67	66			62	61	60	59	58	57	56	55	54	53									
						52	51	50		48	47	46			42	41	40	39	38	37	36	35	34	33									
						73					32	31	30	29	28	27	26	25	24														
SALEABLE	NOT APPLICABLE	34566-2773	0	H	ST GRAY																									61			
						20													9							5							1
SALEABLE	NOT APPLICABLE	34566-2783	9	H	ST GRAY																									61			
						20													9							5							1
SALEABLE	NOT APPLICABLE	34566-2793	9	A	BLACK					67	66																						
										48	47						41																
						73					32	31	30	29		27		25			22	21		19	18	17							

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER				Fp																					
SALEABLE	NOT APPLICABLE	34566-2813	9	B	ST GRAY	72	71	70	69	68	67	66	65	64		62	61	60	59	58	57	56	55	54			
						52	51	50	49	48		46		44				40				37	36				
						73				32	31	30	29	28	27		25	24				21	20			18	
SALEABLE	NOT APPLICABLE	34566-2823	0	A	BLACK						67	66															
											47					41											
						73				32	31	30	29		27		25			22	21			19	18	17	
SALEABLE	NOT APPLICABLE	34566-2833	0	B	ST GRAY	72	71	70	69	68	67	66	65			61	60				57	56	55	54			
						52	51	50	49	48		46		44				40				37	36				
						73				32	31	30	29	28	27			24			21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-2843	0	A	BLACK						67	66															
											47					41											
						73				32	31	30	29		27		25			22	21			19	18	17	
SALEABLE	NOT APPLICABLE	34566-2853	0	B	ST GRAY	72	71	70	69	68	67	66	65	64	63		61	60				57	56	55	54		
						52	51	50	49	48		46		44				40				37	36				
						73				32	31	30	29	28	27			24			21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-2863	0	A	BLACK						67	66															
											47					41											
						73				32	31	30	29		27		25			22	21			19	18	17	
SALEABLE	NOT APPLICABLE	34566-2873	0	B	ST GRAY	72	71	70	69	68	67	66							59	58	57	56	55	54			
						52	51	50	49	48	47							40			39	38	37	36	35	33	
						73					15					11	10		8		6	5	4	3			
SALEABLE	NOT APPLICABLE	34566-2883	0	A	BLACK			70	69						63	62	61			58	57	56	55	54	53		
						52	51		49				44	43	42	41						37	36			34	
						73				32			29	28	27	26										19	18
SALEABLE	NOT APPLICABLE	34566-2893	0	A	BLACK				69		67	66	65		63			60			57	56			53		
									49		47	46		44	43			40				37	36	35			33
						73					31	30	29	28				24			21	20					
SALEABLE	NOT APPLICABLE	34566-2913	0	B	ST GRAY					68	67			64					58								
												46	45									38					
						73				32		30	29	28	27												
SALEABLE	NOT APPLICABLE	34566-2923	0	B	ST GRAY						15																
												46	45														
						73				32		30	29	28	27												
SALEABLE	NOT APPLICABLE	34566-2933	0	A	BLACK	72			69		67	66	65		63			60			57	56			53		
									49		47			44	43			40				37	36	35			33
						73					31	30	29	28				24			21	20					
SALEABLE	NOT APPLICABLE	34566-2943	0	B	ST GRAY					68	67			64	63				59		57						
												46	45			43					39		37				
						73				32		30	29	28	27								21				
SALEABLE	NOT APPLICABLE	34566-2953	0	B	ST GRAY					68	67			64	63				59								
												46	45			43						39					34
						73				32		30	29	28	27												
SALEABLE	NOT APPLICABLE	34566-2963	0	H	ST GRAY		79						74	73	72	71		69	68	67			64		62	61	
							59						54	53	52			49	48	47						42	41
								38						33					29	28	27			25			



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-2973	0	G	BLUE	80		78	77		75	74	73	72		70	69		67		65	64	63	62				
						60		58	57		55	54		52	51	50	49		47		45							
						40		38	37				33	32	31				27	26	25	24						
						20		18	17								10	9	8		6	5			3	2	1	
SALEABLE	NOT APPLICABLE	34566-9913	0	A	BLACK	72	71			68	67	66	65	64					59									
								50		48	47	46	45					40	39	38								
						73					31	30						25	24		22	21	20				17	
												14						9	7	6	5	4			2	1		
SALEABLE	NOT APPLICABLE	34566-9923	0	A	BLACK	72	71				67	66				62	61	60			57			55	54			
							51			48		46	45	44	43	42			39						35		33	
						73												26	25	24								
												15	14							8	7	6	5	4	3	2		
SALEABLE	NOT APPLICABLE	34566-9933	0	B	ST GRAY				69				65	64	63													
									49				45	44	43													
						73										12	11					22	21	20	19	18	17	
																						6	5	4	3	2	1	
SALEABLE	NOT APPLICABLE	34566-9943	0	C	BLUE		71		69				65	64			61	60			58		56	55	54			
								50	49			45		43		41					37	36	35					
						73					31		29	28				24	23					19	18	17		
												16		13	12	11				8	7				3	2	1	
SALEABLE	NOT APPLICABLE	34566-9953	0	A	BLACK					67						62		60			57			55				
							51			48		46	45	44	43				39						35			
						73													25									
												15	14							7	6	5	4	3	2			
SALEABLE	NOT APPLICABLE	34566-9963	0	B	ST GRAY					68	67			64	63					58			55					
												46	45		43						38			35				
						73					32		30	29	28	27					22			19		17		
												15		13				10									1	
SALEABLE	NOT APPLICABLE	34566-9973	0	B	ST GRAY					68	67			64	63					58								
												46	45		43						38							
						73					32		30	29	28	27					22						17	
												15		13				10										
SALEABLE	NOT APPLICABLE	34566-2983	9	A	BLACK				70	69					63	62	61			58	57	56	55	54	53			
						52	51		49				44	43	42	41						37	36			34		
						73					32		29	28	27	26									19	18	17	
											16	15		13	12	11	10								3	2	1	
SALEABLE	NOT APPLICABLE	34566-2993	9	B	ST GRAY	72	71	70		68	67	66				62	61	60	59	58	57	56	55	54	53			
						52	51	50		48	47	46				42	41	40	39	38	37	36	35	34	33			
						73					32	31	30	29	28	27	26	25	24									
											16	15	14	13			10	9	8									
SALEABLE	NOT APPLICABLE	34566-3013	9	C	BLUE	72	71	70	69	68	67	66			63	62			59		57	56	55		53			
						52	51					46		44		42		40	39	38						34	33	
						73					32		30				26	25			22	21			19	18		
												15	14				10	9			6	5	4	3				
SALEABLE	NOT APPLICABLE	34566-3023	0	G	BLUE		79			76					71			68		66				61				
							59			56			53					30	29	28		46		44	43	42	41	
							39			36	35	34													23	22	21	
							19			16	15	14	13	12	11					7					4			
SALEABLE	NOT APPLICABLE	34566-3033	0	H	ST GRAY	80		78	77	76	75					70				66	65		63					
						60		58	57	56	55				51	50					46	45	44	43				
						40	39		37	36	35	34			32	31	30		28		26		24	23	22			
						20	19	18	17	16				13	12						6	5	4	3	2	1		
SALEABLE	NOT APPLICABLE	34566-3043	0	C	BLUE	72	71	70		68		66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39							34	33	
						73					32		30			27	26	25			22	21	20					
												15	14	13			10	9			6	5	4					
SALEABLE	NOT APPLICABLE	34566-3053	0	C	BLUE	72		70		68		66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39	38						34	33	
						73					32		30			27	26	25			22	21	20					
												15	14	13			10	9			6	5	4					

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-3063	0	A	BLACK	52	71		69				65	64	63			60		58	57	56	55	54	53			
							51		49				45	44	43	42	41						37	36	35	34	33	
						73				32		30			28		26									19	18	
SALEABLE	NOT APPLICABLE	34566-3073	0	A	BLACK	52	71		69				65	64	63			60			57	56	55	54	53			
							51		49				45	44	43	42	41						37	36	35	34	33	
						73				32		30			28		26			23						19	18	
SALEABLE	NOT APPLICABLE	34566-3083	0	A	BLACK	52	71		69				65	64	63			60		58	57	56	55	54	53			
							51		49				45	44	43	42	41						37	36	35	34	33	
						73				32		30			28		26									19	18	
SALEABLE	NOT APPLICABLE	34566-3093	0	A	BLACK	52	71		69				65	64	63			60			57	56	55	54	53			
							51		49				45	44	43	42	41						37	36	35	34	33	
						73				32		30			28		26			23						19	18	
SALEABLE	NOT APPLICABLE	34566-3113	0	A	BLACK	52	71		69				65	64	63			60			57	56	55	54	53			
							51		49				45	44	43	42	41						37	36	35	34	33	
						73				32		30			28		26			23			21			19	18	
SALEABLE	NOT APPLICABLE	34566-3123	0	B	ST GRV	72		70				66					60	59						55	54	53		
						52		50				48	46					40	39							35	34	33
						73				32	31	30	29	28	27	26	25	24										
SALEABLE	NOT APPLICABLE	34566-3133	0	C	BLUE	72		70		68	67	66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39							34	33	
						73				32		30			26	25			22	21	20							
SALEABLE	NOT APPLICABLE	34566-3143	0	C	BLUE	72		70				66			63	62			59		57				53			
						52	51					46		44		42		40	39							34	33	
						73				32		30			26	25			22	21								
SALEABLE	NOT APPLICABLE	34566-3153	0	A	BLACK	52	71		69						63				58			56		54				
							51		49				47			44	43	42	41					36		34		
						73				32					28		26									19	18	
SALEABLE	NOT APPLICABLE	34566-3163	0	C	BLUE	72		70							63	62			59		57	56	55		53			
						52	51					46		44		42		40	39						37	36	34	33
						73				32		30			26	25			22	21						19	18	
SALEABLE	NOT APPLICABLE	34566-3173	0	A	BLACK	52	71		69						63				58			56		54				
							51		49				47			44	43	42	41					36		34		
						73				32					28		26									19	18	17
SALEABLE	NOT APPLICABLE	34566-3183	0	C	BLUE	72		70				66			63	62			59		57	56	55		53			
						52	51					46		44		42		40	39							34	33	
						73				32		30			26	25			22	21								
SALEABLE	NOT APPLICABLE	34566-3193	0	A	BLACK	52	71		69						63				58			56	55	54	53			
							51		49				47			44	43	42	41					36	35	34	33	
						73				32					28		26									19	18	17
SALEABLE	NOT APPLICABLE	34566-3213	0	C	BLUE	72		70				67	66			63	62			59		56			53			
						52	51					46		44		42		40	39							34	33	
						73				32		30			26	25			22	21								
SALEABLE	NOT APPLICABLE	34566-3223	0	C	BLUE	72		70				67	66			63	62			59		57			53			
						52	51					46		44		42		40	39							34	33	
						73				32		30			27	26	25			22	21							

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																																										
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																																										
		NUMBER																																														
SALEABLE	NOT APPLICABLE	34566-3233	0	A	BLACK	70	69	63	62	61	58	57	56	55	54	53	52	51	49	32	29	28	27	26	44	43	42	41	36	19	18																	
SALEABLE	NOT APPLICABLE	34566-3243	0	C	BLUE	72	71	70	66	63	62	59	57	73	32	30	26	25	22	21	6	5	4	3	52	51	49	32	29	28	27	26	44	43	42	41	36	19	18									
SALEABLE	NOT APPLICABLE	34566-3253	0	A	BLACK	70	69	63	62	61	58	57	56	55	54	53	52	51	49	32	29	28	27	26	44	43	42	41	36	19	18																	
SALEABLE	NOT APPLICABLE	34566-3263	0	C	BLUE	72	71	70	66	63	62	59	57	73	32	30	26	25	22	21	6	5	4	3	52	51	49	32	29	28	27	26	44	43	42	41	36	19	18									
SALEABLE	NOT APPLICABLE	34566-3273	0	A	BLACK	70	69	63	62	61	58	57	56	55	54	53	52	51	49	32	29	28	27	26	44	43	42	41	36	19	18	17																
SALEABLE	NOT APPLICABLE	34566-3283	0	C	BLUE	72	71	70	66	63	62	59	57	73	32	30	26	25	22	21	6	5	4	3	52	51	49	32	29	28	27	26	44	43	42	41	36	19	18									
SALEABLE	NOT APPLICABLE	34566-3293	0	B	ST GRAY	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33					
SALEABLE	NOT APPLICABLE	34566-3313	0	C	BLUE	70	69	63	62	61	58	57	56	55	54	53	52	51	49	32	30	26	25	22	21	6	5	4	3	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53
SALEABLE	NOT APPLICABLE	34566-3323	0	B	ST GRAY	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33								
SALEABLE	NOT APPLICABLE	34566-3333	0	A	BLACK	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	47	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-3343	0	A	BLACK	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	47	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-3353	0	B	ST GRAY	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33								
SALEABLE	NOT APPLICABLE	34566-3363	0	A	BLACK	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	47	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-3373	9	C	BLUE	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	47	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-3383	0	A	BLACK	70	69	63	62	61	58	57	56	55	54	53	52	51	49	32	30	26	25	22	21	6	5	4	3	72	71	70	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																									
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																									
		NUMBER				Fp																									
SALEABLE	NOT APPLICABLE	34566-3393	0	C	BLUE	72		70		68	67	66			63	62			59		57					53					
						52	51			48	47	46		44			42		40	39								34	33		
						73						32		30				26	25				22	21							
SALEABLE	NOT APPLICABLE	34566-3413	0	A	BLACK	72		70			67	66	65				61			58	57			55	54						
								50	49		47		45	44	43	42	41		39			37			35						
						73						32		30				27	26	25	24			21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-3423	9	C	BLUE				69							63					58		56	55	54	53					
						52	51		49					44	43	42	41								36	35	34	33			
						73						32					28		26								19	18	17		
SALEABLE	NOT APPLICABLE	34566-3433	9	C	BLUE																										
						52	51							44	43	42	41														
						73						32					28		26								19	18	17		
SALEABLE	NOT APPLICABLE	34566-3443	0	A	BLACK		71		69				65	64	63			60				57	56	55	54	53					
						52	51		49				45	44	43	42	41						37	36	35	34	33				
						73						32		30			28		26				23				19	18			
SALEABLE	NOT APPLICABLE	34566-3453	0	A	BLACK																										
						73															9							1			
SALEABLE	NOT APPLICABLE	34566-3463	9	H	ST GRAY																										
						73																							61		
SALEABLE	NOT APPLICABLE	34566-3473	9	B	ST GRAY																										
						20												9					5					1			
						73						32	31	30	29	28	27		25	24			21	20			18	17			
SALEABLE	NOT APPLICABLE	34566-3483	0	B	ST GRAY																										
						72	71	70	69	68	67	66	65	64			62	61	60	59	58	57	56	55	54						
						52	51	50	49	48	47	46	45	44					40			38	37	36							
SALEABLE	NOT APPLICABLE	34566-3493	0	A	BLACK																										
						72		70			67	66	65				61				58	57			55	54					
						73						32		30				27	26	25	24			21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-3513	0	A	BLACK				70	69																					
						52	51		49					44	43	42	41														
						73						32			29	28	27	26									19	18			
SALEABLE	NOT APPLICABLE	34566-3523	0	A	BLACK																										
						72		70																							
						73						32						28		26						21	20	19	18		
SALEABLE	NOT APPLICABLE	34566-3533	9	A	BLACK																										
						52	51		49					44	43	42	41														
						73						32					28		26								19	18	17		
SALEABLE	NOT APPLICABLE	34566-3543	9	A	BLACK																										
						72		70																							
						73						32						28		26											
SALEABLE	NOT APPLICABLE	34566-3553	9	C	BLUE																										
						72	71	70	69	68	67	66	65			63	62	61		59	58	57	56	55	54	53					
						52	51	50	49	48		46	45	44	43	42	41	40	39	38			36	35	34	33					
SALEABLE	NOT APPLICABLE	34566-3553	9	C	BLUE																										
						73						32						28		26						22	21	20	19	18	17

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp		COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER					Fp																					
SALEABLE	NOT APPLICABLE	34566-3563	9	C	BLUE	72		70		68	67	66		63	62		59		57				53					
						52	51			48	47	46		44		42		40	39	38				34	33			
						73					32		30			27	26	25			22	21						
						73							15	14			10	9			6	5	4					
SALEABLE	NOT APPLICABLE	34566-3573	9	C	BLUE			70	69	68				63	62	61			58	57	56	55	54	53				
						52	51	50	49	48	47			44	43	42	41				37	36			34			
						73					32			29	28	27	26									19	18	
						73					16	15	14	13	12	11	10										3	
SALEABLE	NOT APPLICABLE	34566-3583	9	A	BLACK			70	69					63	62	61			58	57	56	55	54	53				
						52	51	50	49					44	43	42	41				37	36			34			
						73					32			29	28	27	26									19	18	
						73					16	15	14	13	12	11	10										3	
SALEABLE	NOT APPLICABLE	34566-3593	0	A	BLACK		71		69				64	63		60		58	57	56	55	54	53					
						52	51		49				45	44	43	42	41				37	36	35	34	33			
						73					32		30		28		26									19	18	
						73					16	15			12		10										3	
SALEABLE	NOT APPLICABLE	34566-3613	0	B	ST GRY					68	67			64	63			59										
												46	45					39										
						73					32		30	29	28	27												
						73											10				6	5	4	3				
SALEABLE	NOT APPLICABLE	34566-3623	0	A	BLACK	72		70	69					63	62	61	60	59	58	57	56	55	54	53				
						52	51		49					44	43	42	41				37	36			34			
						73					32			29	28	27	26									19	18	
						73					16	15		13	12	11	10		8							3		
SALEABLE	NOT APPLICABLE	34566-3633	0	C	BLUE	72		70		68	67	66		63	62		59		57					53				
						52	51			48	47	46		44			40	39	38	37	36				34	33		
						73					32		30			26	25	24	23	22	21							
						73							15	14			10	9	8	7	6	5	4				2	
SALEABLE	NOT APPLICABLE	34566-3643	0	B	ST GRY	72	71	70		68	67	66		64	63			59							53			
						52	51	50		48	47	46							39							34	33	
						73					32	31	30	29	28	27	26	25	24								17	
						73					16	15	14	13			10		8								2	1
SALEABLE	NOT APPLICABLE	34566-3653	0	B	ST GRY	72	71	70	69	68		66	65	64	63			59							53			
						52	51	50	49	48	47	46	45	44	43				39							34	33	
						73					32		30	29	28	27	26	25	24								17	
						73					16		14	13	12	11	10		8								3	2
SALEABLE	NOT APPLICABLE	34566-3663	0	A	BLACK	72		70	69					63	62	61	60	59	58	57	56	55	54	53				
						52	51		49					44	43	42	41				37	36			34			
						73					32			29	28	27	26									19	18	
						73					16	15		13	12	11	10			7	6					3		
SALEABLE	NOT APPLICABLE	34566-3673	9	C	BLUE		71	70	69	68	67		65		63	62	61		59	58	57	56	55	54	53			
							51	50	49	48			45	44	43	42	41	40	39	38			36	35	34	33		
						73						31	30	29	28	27	26				22		20	19	18	17		
						73					16	15	14					9		7	6	5				3	2	1
SALEABLE	NOT APPLICABLE	34566-3683	9	H	ST GRY																			61				
															32													
						20							15					9				5					1	
SALEABLE	NOT APPLICABLE	34566-3693	0	C	BLUE	72		70		68	67	66		63	62		59		57					53				
						52	51			48	47	46		44		42		40	39	38					34	33		
						73					32		30			27	26	25			22	21						
						73							15	14			10	9			6	5	4					
SALEABLE	NOT APPLICABLE	34566-3713	0	C	BLUE	72		70		68	67	66		63	62	61		59		57				53				
						52	51			48	47	46		44		42		40	39						34	33		
						73					32		30			27	26	25			22	21						
						73							15	14			10	9			6	5	4					
SALEABLE	NOT APPLICABLE	34566-3723	0	A	BLACK			70	69					63	62	61			58	57	56	55	54	53				
						52	51	50	49					44	43	42	41				37	36			34			
						73					32			29	28	27	26									19	18	
						73					16	15	14	13	12	11	10										3	

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																				
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER				Fp																				
SALEABLE	NOT APPLICABLE	34566-3733	0	B	ST GRAY	72	71	70		68	67	66				62	61	60	59	58	57	56	55	54	53	
						52	51	50		48	47	46				42	41	40	39	38	37	36	35	34	33	
						73				32	31	30	29	28	27	26	25	24	23							
SALEABLE	NOT APPLICABLE	34566-3743	0	C	BLUE	72		70		68		66			63	62			59		57			53		
						52	51			48	47	46		44		42		40	39	38					34	33
						73				32		30			27	26	25			22	21					
SALEABLE	NOT APPLICABLE	34566-3753	0	C	BLUE	72		70		68		66			63	62			59		57			53		
						52	51			48	47	46		44		42		40	39						34	33
						73				32		30			27	26	25			22	21					
SALEABLE	NOT APPLICABLE	34566-3763	0	C	BLUE	72		70		68		66			63	62			59		57	56	55	54	53	
						52	51			48	47	46		44		42		40	39						34	33
						73				32		30			27	26	25			22	21					
SALEABLE	NOT APPLICABLE	34566-3773	0	A	BLACK			70	69						63				58		56	55	54	53		
						52	51	50	49					44	43	42	41		39				36		34	
						73				32				28		26								19	18	
SALEABLE	NOT APPLICABLE	34566-3783	0	A	BLACK			70	69						63				58		56	55	54	53		
						52	51	50	49					44	43	42	41		39				36		34	
						73				32				28		26								19	18	17
SALEABLE	NOT APPLICABLE	34566-3793	0	A	BLACK		71	70						64	63			60		58	57	56	55	54	53	
						52	51		49				45	44	43	42	41				37	36			34	
						73				32		30		28		26			23		21		19	18		
SALEABLE	NOT APPLICABLE	34566-3813	0	C	BLUE	72		70		68		66			63	62			59		57			53		
						52	51			48	47	46		44		42		40	39	38	37	36			34	33
						73				32		30			26	25	24			22	21	20				
SALEABLE	NOT APPLICABLE	34566-3823	0	A	BLACK			70	69						63		61			58	57	56	55	54	53	
						52	51		49				44	43		41				37	36			34		
						73				32				27	26									19	18	
SALEABLE	NOT APPLICABLE	34566-3833	0	A	BLACK			70	69						63	62	61			57	56	55	54	53		
						52	51		49				44	43	42	41				37	36			34		
						73				32			29	28	27	26			23					19	18	
SALEABLE	NOT APPLICABLE	34566-3843	0	A	BLACK	72	71	70	69	68	67	66			64	63	62		60	59			55	54	53	
						52			49	48				44	43	42	41	40	39					35	34	33
						73				32			29	28	27		25	24	23					19	18	17
SALEABLE	NOT APPLICABLE	34566-3853	0	A	BLACK	72	71	70	69	68	67	66	65	64	63	62		60	59				55	54	53	
						52			49	48			45	44	43	42	41	40	39					35	34	33
						73				32			29	28	27		25	24	23					19	18	17
SALEABLE	NOT APPLICABLE	34566-3863	0	B	ST GRAY										63				59	58	57	56	55	54	53	
						52	51	50		48	47	46				42	41	40	39	38	37	36	35	34	33	
						73				32	31	30	29	28	27	26	25	24								
SALEABLE	NOT APPLICABLE	34566-3873	0	B	ST GRAY										63				59	58	57	56	55	54	53	
						52			49	48		46	45			43				39	38	37	36	35	34	
						73				32			29	28	27				23	22	21					18
SALEABLE	NOT APPLICABLE	34566-3883	0	B	ST GRAY						67	66						59	58	57	56	55		53		
						52			49	48			45						39	38	37	36	35	34	33	
						73				32			29						23	22	21					18



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																									
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																									
		NUMBER				Fp																									
SALEABLE	NOT APPLICABLE	34566-4063	0	B	ST GRY					68	67			64					59	58					54						
SALEABLE	NOT APPLICABLE	34566-4073	0	A	BLACK	72			70					66			63	62			59		57	56	55		53				
						52	51						46		44		42		40	39			37	36			34	33			
SALEABLE	NOT APPLICABLE	34566-4083	0	C	BLUE	72			70					68				63	62			59	58	57			53				
						52	51						48	47			44		42		40	39	38	37	36			34	33		
SALEABLE	NOT APPLICABLE	34566-4093	0	A	BLACK		71	70	69					67			64	63			60			57	56	55	54	53			
						52	51		49				47		45	44	43	42	41												
SALEABLE	NOT APPLICABLE	34566-4113	0	B	ST GRY					68	67																				
SALEABLE	NOT APPLICABLE	34566-4123	9	A	BLACK	72				69				67			66	65			63			57	56			53			
									49				47	46		44	43	42		40											
SALEABLE	NOT APPLICABLE	34566-4133	9	B	ST GRY					68	67																				
SALEABLE	NOT APPLICABLE	34566-4143	0	B	ST GRY					68	67																				
SALEABLE	NOT APPLICABLE	34566-4153	0	B	ST GRY	72			70					68																	
						52		50					48		46		44														
SALEABLE	NOT APPLICABLE	34566-4163	0	B	ST GRY	72			70					68																	
						52		50					48		46																
SALEABLE	NOT APPLICABLE	34566-4173	0	A	BLACK	72	71	70	69								64	63													
						52	51		49				47		45	44	43	42	41												
SALEABLE	NOT APPLICABLE	34566-4183	0	C	BLUE	72			70					68				63	62			59	58	57				53			
						52	51						48	47	46		44		42		40	39								34	33
SALEABLE	NOT APPLICABLE	34566-4193	0	C	BLUE		71		69																						
								50	49																						
SALEABLE	NOT APPLICABLE	34566-4213	0	A	BLACK	72	71							68	67	66	65	64													
									50				48	47	46	45															
SALEABLE	NOT APPLICABLE	34566-4223	0	A	BLACK	72	71							68	67	66	65	64													
									50				48	47	46	45															





Table with columns: STATUS, GM PART #, HRNS CONN ASSY (MATERIAL/PART NUMBER, WIRE DRESS OPTION, KEY OPTION Fp, TPA), GROMMET CAP (COLOR OPTION Fp), and NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS (cavity numbers 1-62). Rows list part numbers 34566-4393 through 34566-4553 with their respective options and pin configurations.



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-4733	0	A	BLACK	72	71	70	69					64	63			60	59	58		56	55	54	53			
						52	51		49		47		45	44	43	42	41						21		36		19	18
						73				32		30		28		26								5				3
SALEABLE	NOT APPLICABLE	34566-4743	9	A	BLACK	72	71	70	69		67		65	64	63	62	61	60	59	58	57	56	55	54	53			
						52	51	50	49	48	47		45	44	43	42	41	40	39			37	36			34		
						73				32		30	29	28	27	26		24	23				21				19	18
SALEABLE	NOT APPLICABLE	34566-4753	0	B	ST GRY					68	67			64						58								
											46	45										38						
						73				32		30	29	28	27							22						17
SALEABLE	NOT APPLICABLE	34566-4763	0	B	ST GRY					68	67			64														
											46	45																
						73				32		30	29	28	27													17
SALEABLE	NOT APPLICABLE	34566-4773	0	B	ST GRY					68	67			64				59	58					54				
											46	45								39	38							
						73				32		30	29	28	27					23	22							17
SALEABLE	NOT APPLICABLE	34566-4783	0	B	ST GRY					68	67			64	63					58				55				
											46	45			43							38				35		
						73				32		30	29	28	27							22				19		17
SALEABLE	NOT APPLICABLE	34566-4793	0	B	ST GRY					68	67			64	63					58								
											46	45			43							38						
						73				32		30	29	28	27							22						17
SALEABLE	NOT APPLICABLE	34566-4813	9	B	ST GRY					68	67			64				59	58						54			
											46	45								39	38							
						73				32		30	29	28	27					23	22							17
SALEABLE	NOT APPLICABLE	34566-4823	0	C	BLUE					68	67	66	65	64					59	58	57		55	54	53			
							51	50	49	48		46	45		43	42	41	40	39	38	37			35			33	
						73				32	31	30				26		24	23	22				20				
SALEABLE	NOT APPLICABLE	34566-4833	0	C	BLUE				70	68	67	66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39			37	36				34	33
						73				32		30			27	26	25	24			22	21						
SALEABLE	NOT APPLICABLE	34566-4843	0	C	BLUE				70	68	67	66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39	38	37	36					34	33
						73				32		30			27	26	25	24			22	21						
SALEABLE	NOT APPLICABLE	34566-4853	0	C	BLUE				70	68		66			63	62			59		57	56	55		53			
						52	51			48	47	46		44		42		40	39			37	36				34	33
						73				32		30			27	26	25	24			22	21			19	18		
SALEABLE	NOT APPLICABLE	34566-4863	0	C	BLUE				70	68		66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39	38	37	36					34	33
						73				32		30			27	26	25	24			22	21						
SALEABLE	NOT APPLICABLE	34566-4873	0	C	BLUE				70	68		66			63	62			59		57				53			
						52	51			48	47	46		44		42		40	39			37	36				34	33
						73				32		30			27	26	25	24			22	21						
SALEABLE	NOT APPLICABLE	34566-4883	9	A	BLACK				69				67		65		63			60		57	56		53			
									49		47	46		44	43			40				37	36	35			33	
						73				32		30	29	28				24			21	20						17

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-4893	9	B	ST GRAY					68	67			64	63					58			55					
SALEABLE	NOT APPLICABLE	34566-4913	9	B	ST GRAY					68	67			64	63					58	57		55		53			
SALEABLE	NOT APPLICABLE	34566-4923	9	A	BLACK	72			69		67		65		63		60		57	56					53			
									49		47		44	43		40		37	36	35							33	
SALEABLE	NOT APPLICABLE	34566-4933	0	C	BLUE	72		70		68	67	66			63	62		59	57						53			
						52	51			48	47	46		44		40	39		37	36	35	34	33					
SALEABLE	NOT APPLICABLE	34566-4943	0	A	BLACK			70	69	68	67				63	62	61	60	59	58	57	56	55	54	53			
						52	51	50	49				44	43	42	41		39	38	37	36						34	
SALEABLE	NOT APPLICABLE	34566-4953	0	B	ST GRAY	72	71	70	69	68	67	66	65	64	63				59							53		
						52	51	50	49	48	47	46	45	44	43				39								34	33
SALEABLE	NOT APPLICABLE	34566-4963	9	A	BLACK	72			69		67	66	65		63		60		57	56					53			
									49		47	46		44	43	42	40		37	36	35						33	
SALEABLE	NOT APPLICABLE	34566-4973	9	B	ST GRAY					68	67			64					59	58					54			
SALEABLE	NOT APPLICABLE	34566-4983	0	B	ST GRAY	72		70		68		66					60	59						55	54	53		
						52		50		48		46		44		40	39									35	34	33
SALEABLE	NOT APPLICABLE	34566-4993	0	A	BLACK	72	71	70	69		67			64	63		60	59							53			
						52	51		49		47		45	44	43	42	41										34	
SALEABLE	NOT APPLICABLE	34566-5013	9	B	ST GRAY					68	67			64	63			59	58					55	54			
SALEABLE	NOT APPLICABLE	34566-5023	0	C	BLUE	72		70		68	67			63	62		59	57							53			
						52	51			48	47	46		44		40	39		37	36						34	33	
SALEABLE	NOT APPLICABLE	34566-5033	0	A	BLACK			70	69					63	62	61	60		58	57	56	55	54	53				
						52	51		49				44	43	42	41											33	
SALEABLE	NOT APPLICABLE	34566-5043	0	A	BLACK																							
SALEABLE	NOT APPLICABLE	34566-5053	0	B	ST GRAY																							



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-5233	0	C	BLUE	72		70		68	67	66			63	62			59		57	56	55		53			
						52	51			48	47	46		44		42		40	39	38		22	21		19	18	34	33
						73						32		30				26	25			6	5	4	3			
SALEABLE	NOT APPLICABLE	34566-5243	0	C	BLUE	72	71	70	69	68	67	66	65		63	62	61		59	58	57	56	55	54	53			
							51	50	49	48		46	45	44	43	42	41	40	39	38		36	35	34	33			
						73						31	30	29	28	27	26	25			22	21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-5253	0	B	ST GRAY						67	66			63			59	58	57	56	55		53				
								50	49	48		46	45		43			39	38	37	36	35	34	33				
						73								29	27				23	22	21			18				
SALEABLE	NOT APPLICABLE	34566-5263	0	B	ST GRAY							66			63			59	58	57	56	55		53				
												46	45		43			39	38	37	36	35	34	33				
						73						31	30	29	28	27			25	24							2	1
SALEABLE	NOT APPLICABLE	34566-5273	0	A	BLACK			70	69						63	62	61	60		58	57	56	55	54	53			
						52	51		49					44	43	42	41				37	36		34				
						73						32		29	28	27	26			23				19	18			
SALEABLE	NOT APPLICABLE	34566-5283	0	C	BLUE			70		68	67	66			63	62			59		57	56	55	54	53			
						52	51			48	47	46		44		42		40	39						34	33		
						73						32		30				26	25			22	21		19	18		
SALEABLE	NOT APPLICABLE	34566-5293	0	A	BLACK			70	69						63	62	61	60		58	57	56	55	54	53			
						52	51		49					44	43	42	41	40			37	36		34				
						73						32		29	28	27	26					19	18	17				
SALEABLE	NOT APPLICABLE	34566-5313	0	C	BLUE			70		68	67	66			63	62			59		57	56	55		53			
						52	51			48	47	46		44		42		40	39	38	37	36		34	33			
						73						32		30			27	26	25	24		22	21		19	18		
SALEABLE	NOT APPLICABLE	34566-5323	0	G	BLUE	80		78	77		75	74	73	72		70	69		67		65	64	63	62				
						60		58	57		55	54		52	51	50	49		47		45							
						40		38	37					33	32	31				27	26	25	24					
SALEABLE	NOT APPLICABLE	34566-5333	0	A	BLACK			70	69						63	62	61	60		58	57	56	55	54	53			
						52	51		49					44	43	42	41	40			37	36		34				
						73						32		29	28	27	26					19	18	17				
SALEABLE	NOT APPLICABLE	34566-5343	0	B	ST GRAY					68	67			64				59	58					54				
												46	45					39	38									
						73						32		30	29	28	27			23	22							17
SALEABLE	NOT APPLICABLE	34566-5353	9	B	ST GRAY					68	67			64	63			59	58			55	54					
												46	45	44	43			39	38			35	34					
						73						32		30	29	28	27			23	22			19				17
SALEABLE	NOT APPLICABLE	34566-5363	0	C	BLUE			70		68		66			63	62			59		57			53				
						52	51			48	47	46		44		42		40	39	38					34	33		
						73						32		30				26	25			22	21					
SALEABLE	NOT APPLICABLE	34566-5373	0	C	BLUE			70		68		66			63	62			59		57			53				
						52	51			48	47	46		44		42		40	39						34	33		
						73						32		30				26	25			22	21					
SALEABLE	NOT APPLICABLE	34566-5383	0	C	BLUE			70		68		66			63	62			59		57			53				
						52	51			48	47	46		44		42		40	39			37	36		34	33		
						73						32		30				26	25	24		22	21					





MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-5563	0	A	BLACK	72	71	70	69					64	63			60	59	58	57	56	55	54	53			
						52	51		49	48	47		45	44	43	42	41							37	36		34	33
						73				32		30		28		26										19	18	17
SALEABLE	NOT APPLICABLE	34566-5573	0	C	BLUE	72		70		68		66			63	62			59	58	57	56	55		53			
						52	51		49	48	47	46		44		42		40	39	38	37	36			34	33		
						73				32		30				26	25	24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-5583	0	B	ST GRAY	72		70		68		66		64	63			60	59					55	54	53		
						52		50		48		46					40	39							35	34	33	
						73				32	31	30	29	28	27	26	25	24	23			20						17
SALEABLE	NOT APPLICABLE	34566-5593	0	C	BLUE	72		70		68		66			63	62			59	58	57			55		53		
						52	51			48	47	46		44		42		40	39							34	33	
						73				32		30				26	25		23	22	21							
SALEABLE	NOT APPLICABLE	34566-5613	0	C	BLUE	72		70		68		66			63	62			59	58	57			55		53		
						52	51			48	47			44		42		40	39		37	36				34	33	
						73				32		30			27	26	25	24	23	22	21	20						17
SALEABLE	NOT APPLICABLE	34566-5623	0	C	BLUE	72		70		68		66			63	62			59	58	57			55		53		
						52	51			48	47			44		42		40	39		37	36				34	33	
						73				32		30			27	26	25	24	23	22	21	20						17
SALEABLE	NOT APPLICABLE	34566-5633	0	B	ST GRAY	72										62	61											
						52				48		46		44	43		41	40								20	19	18
						73				16	15	14														4		
SALEABLE	NOT APPLICABLE	34566-5643	0	B	ST GRAY	72										62	61											
						52				48		46			43		41	40								20	19	18
						73				16	15	14														4		
SALEABLE	NOT APPLICABLE	34566-5653	0	A	BLACK	72	71	70	69	68		66	65	64	63		61	60			57	56			54	53		
						52	51	50	49	48		46	45	44	43		41	40	39	38	37	36				34	33	
						73				32	31	30	29	28		26	25		23	22	21							17
SALEABLE	NOT APPLICABLE	34566-5663	0	C	BLUE				69		67	66	64		62		60			57			55	54				
						52	51	50		48		46	45	44		42						37			35	34	33	
						73				32	31			28	27	26									19	18		
SALEABLE	NOT APPLICABLE	34566-5673	0	C	BLUE				69		67	66	64		62		60			57			55	54				
						52	51	50	49	48		46	45	44		42		41				37			35	34	33	
						73				32	31			28	27	25										18		
SALEABLE	NOT APPLICABLE	34566-5683	0	B	ST GRAY	72										62	61											
						52				48		46		44	43		41	40							20	19	18	
						73				16		14													4			
SALEABLE	NOT APPLICABLE	34566-5693	0	A	BLACK	72	71	70	69	68		66	65	64	63		61	60			57	56			54	53		
						52	51	50	49	48		46	45	44	43		41	40	39	38	37	36				34	33	
						73				32	31	30	29	28		26	25		23	22	21	20						17
SALEABLE	NOT APPLICABLE	34566-5713	0	C	BLUE				69		67	66	64		62		60			57			55	54				
						52	51	50		48		46	45	44		42						37			35	34	33	
						73				32	31			28	27	26									19	18	17	
SALEABLE	NOT APPLICABLE	34566-5723	0	C	BLUE				69		67	66	64		62		60			57			55	54				
						52	51	50	49	48		46	45	44		42		41				37			35	34	33	
						73				32	31			28	27	25										18		

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																								
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																								
		NUMBER				Fp																								
SALEABLE	NOT APPLICABLE	34566-5733	0	A	BLACK	52	71	70	69					64	63			60	59	58	57	56	55	54	53					
							51		49				45	44	43	42	41								36					
						73				32		30		28		26											19	18		
SALEABLE	NOT APPLICABLE	34566-5743	0	A	BLACK	52	71	70	69		67			64	63			60	59		57	56	55	54	53					
							51		49				45	44	43	42	41								37	36		34		
						73				32		30		28		26												19	18	
SALEABLE	NOT APPLICABLE	34566-5753	0	A	BLACK	52	71	70	69					64	63			60	59		57	56	55	54	53					
							51		49				45	44	43	42	41									37	36		34	
						73				32		30		28		26				23		21						19	18	
SALEABLE	NOT APPLICABLE	34566-5763	0	C	BLUE	72		70		68		66			63	62			59	58	57					53				
						52	51			48	47	46		44		42		40	39							37	36		34	
						73				32		30			27	26	25	24			22	21	20							2
SALEABLE	NOT APPLICABLE	34566-5773	0	C	BLUE	72		70		68		66			63	62			59	58	57					53				
						52	51			48	47			44		42		40	39								37	36		34
						73				32		30			27	26	25	24			22	21	20							17
SALEABLE	NOT APPLICABLE	34566-5783	0	C	BLUE	72		70		68		66			63	62			59	58	57					53				
						52	51			48	47			44		42		40	39								37	36		34
						73				32		30			27	26	25	24			22	21	20							2
SALEABLE	NOT APPLICABLE	34566-5793 SAME AS P/N 34566-4013	0	B	ST GRN	72		70		68		66					60	59							55	54	53			
						52		50		48		46					40	39									35	34	33	
						73				32	31	30	29	28	27	26	25	24												17
SALEABLE	NOT APPLICABLE	34566-5813	0	B	ST GRN	72		70		68		66					60	59								55	54	53		
						52		50		48		46					40	39										35	34	33
						73				32	31	30	29	28	27	26	25	24	23											19
SALEABLE	NOT APPLICABLE	34566-5823	0	A	BLACK	72		70							63															
						52			49						43		41													
						73					31	30		28	27	26			23								20	19		
SALEABLE	NOT APPLICABLE	34566-5833	0	A	BLACK	72		70							63															
						52			49						43		41													
						73					31	30		28	27	26			23								20	19		
SALEABLE	NOT APPLICABLE	34566-5843	0	H	ST GRN		79																							
							59		57			74	73	72	71			68	67		65	64	63	62	61					
								38				34	33				29	27		25										
SALEABLE	NOT APPLICABLE	34566-5853	0	H	ST GRN		79																							
							59		57			74	73	72	71			68	67		65	64	63	62	61					
								38				34	33				29	27		25										
SALEABLE	NOT APPLICABLE	34566-5863	0	C	BLUE	72		70				66			63	62			59		57	56	55			53				
						52	51					46	44		42		40	39								37	36		34	
						73				32		30				26	25			22	21							19	18	
SALEABLE	NOT APPLICABLE	34566-5873	0	B	ST GRN		79																							
							59		57			74	73	72	71			68	67		65	64	63	62	61					
								38				34	33				29	27		25										
SALEABLE	NOT APPLICABLE	34566-5883	0	B	ST GRN	72		70				66			63	62			59		57	56	55			53				
						52	51					46	44		42		40	39								37	36		34	
						73				32		30				26	25			22	21							19	18	

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER				Fp																					
SALEABLE	NOT APPLICABLE	34566-5893	0	C	BLUE	52	51	50	69	48	67	66	45	44	62	60	57	55	54	33	34	35	19	18			
						73			32	28	27	26	11	10	9												
										16	15	14	13	12	11	10	9										
SALEABLE	NOT APPLICABLE	34566-5913	0	C	BLUE	52	51	50	49	69	67	66	64	44	61	60	57	54	33	34	35	19	18				
						73			32	28	27	25	11	10	9												
										16	15	14	13	12	11	10	9										
SALEABLE	NOT APPLICABLE	34566-5933	0	C	BLUE	72		70		68		66		63	62	59	57	56	55	33	34	35	18	19			
						52	51			48	47	46	44	42	40	39											
						73			32	30			26	25	23	22	21										
SALEABLE	NOT APPLICABLE	34566-5943	0	C	BLUE	72		70		68	67	66		63	62	59	57	56	55	33	34	35	18	19			
						52	51		49	48	47	46	44	42	40	39											
						73			32	30			27	26	25	22	21	20									
SALEABLE	NOT APPLICABLE	34566-5953	0	A	BLACK	71	70	69				65	64	63	62	61	60	58	57	56	55	54	53	33			
						52	51		49	48	47		45	44	43	42	41										
						73			32		30	29	28	27	26		24										
SALEABLE	NOT APPLICABLE	34566-5963	0	B	ST GRAY	72	71	70		68	67	66			61	60	59	58	57	56	55	54	53	33			
						52	51	50		48	47	46			42	41	40	39	38	37	36	35	34	33	18	19	
						73			32	31	30	29	28	27	26	25	24										
SALEABLE	NOT APPLICABLE	34566-5973	0	C	BLUE	72		70		68	67	66		63	62	59	57	56	55	33	34	35	18	19			
						52	51			48	47	46	44	42	40	39											
						73			32	30			27	26	25	22	21	19	18								
SALEABLE	NOT APPLICABLE	34566-5983	0	C	BLUE	52	51	50	69	67	66	64	44	42	60	57	55	54	33	34	35	19	18				
						73			32			28	27	26													
										16	15	14	13	12	11	10	9										
SALEABLE	NOT APPLICABLE	34566-5993	0	A	BLACK	71	70	69		67	66	65		63	62	61	60	58	57	56	55	54	53	33			
						52	51	50	49	48	47		45	44	43	42	41	40	39	37	36	35	34	33	17	18	
						73			32	31	30	29	28	27	26	25	24	23									
SALEABLE	NOT APPLICABLE	34566-6013	0	B	ST GRAY	51	50	49	69	67	65			61	60	59	58	57	54	53	33	34	35	18			
										48	47	46	45	43		40	39	37									
						73			32	31	30	29			26		24	23	22	21	20						
SALEABLE	NOT APPLICABLE	34566-6023	0	A	BLACK	72	71	70	69	68	67				60	59	58	57	56	54	53	33	34	35	17		
						52	51	50	49	48	47		45	44	43		40	39	38	37	36	35	34	33	17	18	
						73			32	31	30	29	28			24	23	22	21	20	19						
SALEABLE	NOT APPLICABLE	34566-6033	0	A	BLACK	70	69						63	62	61		58	57	56	55	54	53	33	34			
						52	51		49	48			44	43	42	41											
						73			32		29	28	27	26													
SALEABLE	NOT APPLICABLE	34566-6043	0	B	ST GRAY	68	67	66	65	64					58	55	33	34	35	18	19						
										46	45																
						73			32	30	29	28	27														
SALEABLE	NOT APPLICABLE	34566-6053	0	B	ST GRAY	72				68	67	66	65	64	62	61											
						52				48	47	46		43	41	40											
						73			32		30																
SALEABLE	NOT APPLICABLE	34566-6063	0	C	BLUE	52	51	50	69	67	66	64	44	42	60	57	55	54	33	34	35	19	18	17			
						73			32			28	27	26													
										16	15	14	13	12	11	10	9										



MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER				Fp																					
SALEABLE	NOT APPLICABLE	34566-6273	9	B	ST GRY	71	70	69				65	64	63	62	61	60		58	57	56	55	54	53			
						52	51	50	49	48	47		45	44	43	42	41	40	39					36	35	34	33
						73			32		30	29	28	27	26		24								19	18	
SALEABLE	NOT APPLICABLE	34566-6283	9	C	BLUE	72		70		68	67	66			63	62			59		57				53		
						52	51			48	47	46		44				40	39							34	33
						73			32		30			27	26	25		22	21								
SALEABLE	NOT APPLICABLE	34566-6293	9	B	ST GRY	72	71	70		68	67	66			62	61	60	59	58	57	56	55	54	53			
						52	51	50		48	47	46			42	41	40	39	38	37	36	35	34	33			
						73			32	31	30	29	28	27	26	25	24										
SALEABLE	NOT APPLICABLE	34566-6313	9	B	ST GRY			70	69					63	62	61	60		58	57	56	55	54	53			
						52	51	50	49					44	43	42	41	40	39							34	33
						73			32			29	28	27	26										19	18	
SALEABLE	NOT APPLICABLE	34566-6323	9	B	ST GRY		71	70	69					64	63			60	59	58	57	56	55	54	53		
						52	51	50	49				45	44	43	42	41		39		37	36				34	33
						73			32		30		28		26										19	18	
SALEABLE	NOT APPLICABLE	34566-6333	9	C	BLUE	72		70		68	67	66			63	62			59		57	56	55	54	53		
						52	51			48	47	46		44				40	39							34	33
						73			32		30			27	26	25		22	21					19	18		
SALEABLE	NOT APPLICABLE	34566-6343	9	A	BLACK			70	69					63	62	61	60		58	57	56	55	54	53			
						52	51	50	49				44	43	42	41	40	39			37	36				34	33
						73			32			29	28	27	26										19	18	17
SALEABLE	NOT APPLICABLE	34566-6353	9	C	BLUE	72		70		68		66			63	62			59	58	57	56	55	54	53		
						52	51			48	47	46		44				40	39							34	33
						73			32		30			27	26	25		23	22	21	20						
SALEABLE	NOT APPLICABLE	34566-6363	9	B	ST GRY	72		70		68		66					60	59					55	54	53		
						52		50		48		46					40	39							35	34	33
						73			32	31	30	29	28	27	26	25	24	23							19	18	17
SALEABLE	NOT APPLICABLE	34566-6373	9	A	BLACK		71	70	69		67			64	63			60	59	58	57	56	55	54	53		
						52	51	50	49		47		45	44	43	42	41	40	39			37	36			34	33
						73			32		30		28		26			23		21					19	18	17
SALEABLE	NOT APPLICABLE	34566-6383	9	A	BLACK	72	71	70	69	68		66	65	64	63		61	60			57	56			54	53	
						52	51	50	49	48		46	45	44	43	42	41	40	39	38	37	36				34	33
						73			32	31	30	29	28					23	22	21							
SALEABLE	NOT APPLICABLE	34566-6393	9	C	BLUE		71	70	69		67	66	65	64		62	61	60		58	57			55	54		
						52	51	50	49	48	47	46	45	44		42	41		38	37					35	34	33
						73			32			28	27	26	25											19	18
SALEABLE	NOT APPLICABLE	34566-6413	9	B	ST GRY	72				68	67				63	62	61	60	59					55			
						52				48	47	46		44	43		41	40							36	35	
						73					30			27												20	19
SALEABLE	NOT APPLICABLE	34566-6423	9	C	BLUE			70	69		67	66	65	64								56			54		
						52	51	50	49		47	46	45	44				39	38								34
						73					31	30	29	28		26	25		23	22	21						
SALEABLE	NOT APPLICABLE	34566-6433	9	A	BLACK	72		70			67				63			60	59	58	57	56	55				
						52	51			48	47	46			43	42		40	39	38	37	36	35				
						73								28	27							22	21				18

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																				
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																				
		NUMBER				Fp																				
SALEABLE	NOT APPLICABLE	34566-6443	9	B	ST GRAY	72	71	70	69	68	67	66	65	64	63		61	60			57	56	55			
						52	51	50	49	48	47	46	45	44	43		26	25	24	23	22	21	20	19	18	17
						73				32	31	30	29	28		11		9	8	7	6	5	4	3	2	1
SALEABLE	NOT APPLICABLE	34566-6453	0	C	BLUE		71	70	69		67		65	64		62	61	60			57			54		
						52	51	50	49	48	47	46	45	44		42	41				37				34	33
						73				32				28	27	26	25									18
SALEABLE	NOT APPLICABLE	34566-6463	0	B	ST GRAY	72				68	67					62	61							55		
						52				48	47	46			43											
						73						30												20	19	18
SALEABLE	NOT APPLICABLE	34566-6473	9	C	BLUE			70	69		67	66		64		62		60			57		55	54		
						52	51	50		48		46	45	44		42					37			35	34	33
						73				32				28	27	26									19	18
SALEABLE	NOT APPLICABLE	34566-6483	9	A	BLACK	72	71	70	69	68		66	65	64	63		61	60			57	56		54	53	
						52	51	50	49	48		46	45	44	43			40	39	38	37	36		34	33	
						73				32	31	30	29	28		26	25		23	22	21	20				2
SALEABLE	NOT APPLICABLE	34566-6493	9	B	ST GRAY	72			70							62	61							55		
						52				48	47	46			43			41	40							
						73						30												20	19	18
SALEABLE	NOT APPLICABLE	34566-6513	0	B	ST GRAY					68	67					62	61						55	54		
						52						46			43			40								
						73				16	15	14							8					4	3	2
SALEABLE	NOT APPLICABLE	34566-6523	0	B	ST GRAY					68	67			64					59	58				54		
												46	45						39	38						
						73				32		30	29	28	27				23	22						
SALEABLE	NOT APPLICABLE	34566-6533	9	B	ST GRAY					68	67			64												
												46	45													
						73				32		30	29	28	27											
SALEABLE	NOT APPLICABLE	34566-6543	9	A	BLACK					68		66	65	64	63		61	60			57	56		54	53	
						52	51	50	49	48		46	45	44	43			40	39	38	37	36		34	33	
						73				32	31	30	29	28		26	25		23	22	21	20				2
SALEABLE	NOT APPLICABLE	34566-6553	9	A	BLACK	72	71	70	69		67		64	63		61	60			57	56	55	54	53		
						52	51	50	49		47		45	44	43	42	41	40	39		37	36		34		
						73				32		30		28		26								19	18	17
SALEABLE	NOT APPLICABLE	34566-6563	9	C	BLUE				70		68		66		63	62			59	58	57			53		
						52	51			48	47	46		44				40	39						34	33
						73				32		30			27	26	25		23	22	21	20				
SALEABLE	NOT APPLICABLE	34566-6573	9	A	BLACK					68		66		64	63		61	60			57	56	55	54	53	
						52	51	50	49		47		45	44	43	42	41	40	39		37	36		34		
						73				32		30		28		26			23		21		19	18		
SALEABLE	NOT APPLICABLE	34566-6583	9	A	BLACK				70	69					63	62	61	60		58	57	56	55	54	53	
						52	51	50	49					44	43	42	41	40	39		37	36		34		
						73				32			29	28	27	26									19	18
SALEABLE	NOT APPLICABLE	34566-6593	0	C	BLUE				69		67		64		62		60			57		55	54			
						52	51	50		48		46	45	44		42					37		35	34	33	
						73				32				28	27	26							20	19	18	17

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER				Fp																						
SALEABLE	NOT APPLICABLE	34566-6613	0	A	BLACK	72	71	70	69			66		64	63		61	60			57	56		54	53			
						52	51	50	49			46	45	44	43		26	25		23	22	21				34	33	
						73				32	31	30	29	28			9		7	6	5						2	1
SALEABLE	NOT APPLICABLE	34566-6623	9	B	ST GRAY					68	67			64				59	58				54					
											46	45					39	38										
						73				32		30	29	28	27			23	22									17
SALEABLE	NOT APPLICABLE	34566-6633	9	C	BLUE				69		67	66		64		62		60			57			54				
						52	51	50		48		46	45	44		42					37					34	33	
						73								28	27	26												
SALEABLE	NOT APPLICABLE	34566-6643	9	C	BLUE		71			68	67		65	64	63		61	60		58	57			54				
						52	51	50		48			45		43		41			38	37					34	33	
						73								28	27		25											18
SALEABLE	NOT APPLICABLE	34566-6653	9	B	ST GRAY	72				68						62	61	60	59					55				
						52				48	47	46		44	43		41	40		38	37	36	35					
						73						30										20	19	18				
SALEABLE	NOT APPLICABLE	34566-6663	9	A	BLACK					68			65	64	63		60			57	56			54				
						52	51	50	49	48		46	45	44	43	42		40	39	38	37	36				34		
						73				32	31	30	29	28		26	25		23	22	21	20						2
SALEABLE	NOT APPLICABLE	34566-6673	9	B	ST GRAY	72	71	70	69	68	67	66	65	64	63		61	60	59		57	56	55					
						52	51	50	49	48	47	46	45	44	43		41	40	39	38	37	36	35	34	33			
						73				32	31	30	29	28		26		24	23	22	21	20	19	18	17			
SALEABLE	NOT APPLICABLE	34566-6683	9	A	BLACK			70		67					63		60	59	58	57								
						52				48	47	46			43	42		40	39	38	37							
						73				32	31	30	29	28	27					22	21							2
SALEABLE	NOT APPLICABLE	34566-6693	9	C	BLUE	72	71	70	69		67	66	65	64						56				54				
						52	51	50	49		47	46	45	44					39	38						34		
						73						31	30	29	28		26	25	24	23	22	21						17
SALEABLE	TBD	34822-0063	9	A	BLACK		63	62	61	60	59					54	53		51		49		66					
							47								38	37		35		33								
						65								28			25		22	21	20	19	18	17				
SALEABLE	NOT APPLICABLE	34566-6713	9	A	BLACK	72	71	70	69	68			66	65	64	63		61	60		57	56			54	53		
						52	51	50	49	48		46	45	44	43	42	41	40	39	38	37	36				34	33	
						73				32	31	30	29	28		26	25		23	22	21							2
SALEABLE	NOT APPLICABLE	34566-6723	0	H	ST GRAY		79					74	73					67		65	64	63	62	61				
							59						53	52						25		44	43	42	41			
								38					33							27								
SALEABLE	NOT APPLICABLE	34566-6733	0	G	BLUE			78	77		75	74		72		70				64	63							
						60		58	57		55	54		52	51	50	49		47		45							
						40	39	38	37				33	32	31				27	26								
SALEABLE	NOT APPLICABLE	34566-6743	9	C	BLUE					68	67		65	64	63		61	60		57				54	53			
						52	51	50		48		46	45		43		41			37						34	33	
						73				16	15	14	13	12	11	10	9	8	7									
SALEABLE	NOT APPLICABLE	34566-6753	9	A	BLACK	72	71	70	69	68			66	65	64		61	60		57	56			54	53			
						52	51	50	49	48		46	45	44	43	42		40	39	38	37	36				34	33	
						73						31	30	29	28				23	22	21	20						2







MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

Table with columns: STATUS, GM PART #, HRNS CONN ASSY (MATERIAL/PART NUMBER, WIRE DRESS OPTION, KEY OPTION Fp), TPA, COLOR OPTION Fp, GROMMET CAP. Includes a grid of numbers for cavities and a note: NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS.















MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																													
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION $\nabla_{Fp}$	COLOR OPTION $\nabla_{Fp}$	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																													
		NUMBER				$\nabla_{Fp}$																													
SALEABLE	NOT APPLICABLE	34566-8153	0	C	BLUE	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55												
						52	51	50					28	27												35	34	33							
						73																							18						
SALEABLE	NOT APPLICABLE	34566-8163	9	B	ST GRAY					68	67			64	63										55	54									
												47	46	45	44	43										39	38		35						
						73											32	31	30	29	28	27							23	22		19			17
SALEABLE	NOT APPLICABLE	34566-8173	0	B	ST GRAY	72				68	67					63	62	61	60	59															
						52								46				43		41	40														
						73																							22	21		20	19		18
SALEABLE	NOT APPLICABLE	34566-8183	9	H	ST GRAY																														
						73																													
SALEABLE	NOT APPLICABLE	34566-8193	0	G	BLUE		79	78	77	76	75	74			71					67			65			63									
						60	59	58	57	56	55	54			52							47			45			43							
						40		38	37						33	32	31	30	29			27	26												
SALEABLE	NOT APPLICABLE	34566-8213	0	H	ST GRAY								74	73						67			65			63	62	61							
																													44	43	42	41			
						73																													
SALEABLE	NOT APPLICABLE	34566-8223	9	A	BLACK	72										62	61					59		57		55									
						52	51																		40			37							
						73																													
SALEABLE	NOT APPLICABLE	34566-8233	9	G	BLUE				77	76	75	74	73	72		70	69	68				66	65	64	63	62	61								
										56	55		53	52									46	45		43	42								
								38	37	36	35	34				31							26			23	22	21							
SALEABLE	NOT APPLICABLE	34566-8243	9	G	BLUE	20	19		17	16	15	14	13		10			7	6		4					1									
										77	76	75	74	73	72		70	69	68				66	65	64	63	62	61							
						73																													
SALEABLE	NOT APPLICABLE	34566-8253	9	G	BLUE				77	76	75	74	73	72		70	69	68				66	65	64	63	62	61								
										56	55		53	52									46	45		43	42								
								38	37	36	35	34				31							26			23	22	21							
SALEABLE	NOT APPLICABLE	34566-8263	9	G	BLUE	20	19		17	16	15	14	13		10			7	6		4					1									
										77	76	75	74	73	72		70	69	68				66	65	64	63	62	61							
						73																													
SALEABLE	NOT APPLICABLE	34566-8273	9	G	BLUE	80	79	78							71					67															
						60	59	58	57			54			51	50	49	48	47					44				41							
						40	39								33	32		30	29	28	27			25	24										
SALEABLE	NOT APPLICABLE	34566-8283	9	G	BLUE				18						12	11			9	8			5												
										77	76	75	74	73	72		70	69	68				66	65	64	63	62	61							
						73																													
SALEABLE	NOT APPLICABLE	34566-8293	9	A	BLACK					71	70	69	68	67	66	65		63			60	59	58												
								50	49	48	47				44			42					39	38			36	35	34	33					
						73																													
SALEABLE	NOT APPLICABLE	34566-8313	9	A	BLACK		71	70	69			67	66	65		63					60	59	58												
										50	49	48	47				44						42	41			39	38			36	35	34	33	
						73																													



STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																							
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION △ Fp	COLOR OPTION △ Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS △ Fp																							
		NUMBER																											
SALEABLE	NOT APPLICABLE	34566-8483	0	A	BLACK	72	71	70	69	68		66	65	64	63		61	60		57	56		54	53					
						52	51	50	49	48		46	45	44	43	42		40	39	38	37	36		34	33				
						73			32	31	30	29	28						23	22	21	20			2				
SALEABLE	NOT APPLICABLE	34566-8493	0	B	ST GRY	72		70		68	67					62	61	60	59				55						
						52				48	47	46		44	43			40								33			
						73					30											22	21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-8513	9	A	BLACK	72	71	70	69	68		66	65	64	63		61	60			57	56		54	53				
						52	51	50	49	48		46	45	44	43			40	39	38	37	36		34	33				
						73			32	31	30	29	28					24	23	22							2		
SALEABLE	NOT APPLICABLE	34566-8523	9	B	ST GRY	72		70		68						62	61							55					
						52				48	47	46			43			40											
						73					30											22	21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-8533	9	C	BLUE			70			67	66	65	64			61	60			57			54					
						52	51	50	49	48	47		45	44			41									34	33		
						73			32				28	27			25										18	17	
SALEABLE	NOT APPLICABLE	34566-8543	9	C	BLUE		71		69			67	66	65	64			61	60			57			54				
						52	51	50	49	48	47	46	45	44													34	33	
						73			32				28	27															
SALEABLE	NOT APPLICABLE	34566-8553	0	B	ST GRY											62	61	60	59										
						52						46			43		41	40											
						73					14										8		6		4				
SALEABLE	NOT APPLICABLE	34566-8563	0	A	BLACK	72		70			67				63			60	59	58	57	56	55						
						52	51			48	47	46			43	42		40	39	38	37	36	35						
						73								28							22	21				18	17		
SALEABLE	NOT APPLICABLE	34566-8573	0	B	ST GRY	72	71	70	69	68	67	66	65	64	63		61	60	59			57	56	55					
						52	51	50	49	48	47	46	45	44	43		41	40	39	38	37	36	35				33		
						73			32	31	30	29	28					26		24	23	22	21	20	19				
SALEABLE	NOT APPLICABLE	34566-8583	0	C	BLUE	72	71	70	69		67	66	65	64				60							54				
						52	51	50	49		47	46	45	44				40	39	38							34		
						73					30		28				26	25	24	23	22	21					17		
SALEABLE	NOT APPLICABLE	34566-8593	0	B	ST GRY	72				68						62	61	60	59						55				
						52				48	47	46			43		41	40								38	37	36	35
						73					30											22	21	20	19	18			1
SALEABLE	TBD	34822-0183	0	A	BLACK	64	63	62	61	60	59						54	53		51		49	66						
																				38	37		35		33				
						65							15	14	13								24	23	22	21	20	19	18
SALEABLE	TBD	34822-0193	0	A	BLACK	64	63										54	53		51		49	66						
																				38	37		35		33				
						65																	24	23		21	20	19	18
SALEABLE	TBD	34822-0203	0	A	BLACK						31			28															
						65																	8	7			4		2
SALEABLE	TBD	34822-0213	0	A	BLACK	64	63	62	61	60	59						54	53		51		49	66						
																				38	37		35		33				
						65																	24	23	22	21	20	19	18

**MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET**

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																							
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp		COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER					Fp																						
SALEABLE	NOT APPLICABLE	34566-8613	0	C	BLUE	52	71	70			67	66	65	64			61	60	59	58	57			54					
							51	50		48	47		45	44			41	40	39	38	37					34	33		
						73						32			28	27			25		23						18	17	
										16	15	14	13	12	11	10	9	8	7										
SALEABLE	NOT APPLICABLE	34566-8623	9	C	BLUE					68			65		63	62	61		59	58	57	56	55		53				
										48			45		43	42	41					37	36	35	34	33			
						73						32	31											20	19	18			
																								4	3	2	1		
SALEABLE	NOT APPLICABLE	34566-8633	0	B	ST GRY	72										62	61												
						52				48	47	46			43			40											
						73								30										22	21	20	19	18	17
										16	15	14											6			4			
SALEABLE	NOT APPLICABLE	34566-8643	0	C	BLUE		71	70			67	66		64			61	60			57			54					
						52	51	50	49	48			45	44			41			37					34	33			
						73						32			28	27			25							18	17		
										16	15	14	13	12	11	10	9	8	7										
SALEABLE	NOT APPLICABLE	34566-8653	9	C	BLUE		71		69		67	66	65	64	63		61	60			57								
						52	51	50		48	47	46	45		43		41			37					34	33			
						73								28	27			25											
										16	15	14	13	12	11	10	9	8	7										
SALEABLE	NOT APPLICABLE	34566-8663	0	B	ST GRY	72	71	70	69					64	63		61	60			58	57	56	55					
						52	51	50	49					43								38	37	36			33		
						73						32		30	29	28		26	25	24	23	22	21	20					
										16	15	14	13	12	11	10	9	8	7	6	5	4							
SALEABLE	NOT APPLICABLE	34822-0223	0	A	BLACK	64	63	62	61	60	59					54	53		51		49				66				
														38	37		35		33										
						65						31			28			24	23	22	21	20	19	18	17				
												15	14	13					8	7				4	3	2	1		
SALEABLE	NOT APPLICABLE	34566-8673	0	F	NATURAL	72		70		68	67	66			63	62			59		57				53				
						52	51		49	48	47	46		44			41	40	39		37	36	35	34	33				
						73						32		30			27	26	25	24		22	21	20					
												15	14	13			10	9	8		6	5	4				2		
SALEABLE	NOT APPLICABLE	34566-8683	0	B	ST GRY	72		70		68	67	66			63	62			59		57				53				
						52	51		49	48	47	46		44			41	40	39		37	36	35	34	33				
						73						32		30			27	26	25	24		22	21	20					
												15	14	13			10	9	8		6	5	4				2		
SALEABLE	NOT APPLICABLE	34566-8693	0	A	BLACK	72		70		68	67	66			63	62			59		57				53				
						52	51		49	48	47	46		44			41	40	39		37	36	35	34	33				
						73						32		30			27	26	25	24		22	21	20					
												15	14	13			10	9	8		6	5	4				2		
SALEABLE	NOT APPLICABLE	34566-8713	9	B	ST GRY	72	71	70	69					64	63			61	60			58	57	56	55				
						52	51	50	49					43									38	37	36		33		
						73						32		30	29	28		26	25	24	23	22	21	20					
										16	15	14	13	12	11	10	9	8	7	6	5	4							
SALEABLE	NOT APPLICABLE	34566-8723	0	C	BLUE		71	70				66		64			61	60			57			54					
						52	51	50	49	48			45	44			41			37					34	33			
						73						32			28	27			25							18	17		
										16	15	14	13	12	11	10	9	8	7										
SALEABLE	NOT APPLICABLE	34566-8733	0	A	BLACK	72	71	70	69	68			66	65	64	63			60		57	56			54				
						52	51	50	49	48			46	45	44	43	42		40	39	38	37	36			34			
						73						32	31	30	29	28					23	22	21	20					
												15	14	13	12						7	6	5	4	3	2			
SALEABLE	NOT APPLICABLE	34566-8743	0	C	BLUE	72	71	70	69		67	66		64						39	38								
						52	51	50	49		47	46		44															
						73								30	29	28	27	26	25	24	23	22	21				17		
										16	15	14	13	12	11	10	9	8	7	6	5								
SALEABLE	NOT APPLICABLE	34566-8753	0	B	ST GRY	72	71	70	69	68	67	66	65	64	63			61	60			58	57	56	55	54	53		
						52	51	50	49	48	47	46	45	44	43			40				37	36	35	34	33			
						73						32		30	29	28		26	25	24			21		19				
										16		14	13	12	11	10	9	8		6	5					2	1		

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET




STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																							
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION △ Fp		COLOR OPTION △ Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																						
		NUMBER					△ Fp																						
SALEABLE	NOT APPLICABLE	34566-8763	0	A	BLACK	72	71	70				67	66						59	58	57	56	55	54	53				
						52	51	50				47	46								39	37		36	35		33		
						73			32	31	30	29	28	27	26								21				18	17	
SALEABLE	12672857	34822-0243	9	A	BLACK	64	63	62	61	60	59						54	53		51		49	66						
							47									38	37		35		33								
						65							28						25	24		22	21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34822-0253	0	A	BLACK			63	62	61	60	59					54	53		51		49	66						
																38	37		35		33								
						65							28						25	24		22	21	20	19	18	17		
SALEABLE	NOT APPLICABLE	34822-0263	9	C	BLUE	64	63	62		60	59					54	53		51		49	66							
						48	47	46	45							39				37	36	35	34	33					
						65			32	31	30	29	28	27	26	25	24	23	22	21					19	18	17		
SALEABLE	NOT APPLICABLE	34822-0273	9	A	BLACK	64	63									54	53		51		49	66							
							47									38	37		35		33								
						65							28									22		20	19	18	17		
SALEABLE	NOT APPLICABLE	34822-0283	0	A	BLACK					61	60	59		58		56	55												
												42																	
						65			32																			17	
SALEABLE	NOT APPLICABLE	34822-0293	0	A	BLACK																								
						64	63								54	53		51		49	66								
							47									38	37		35		33								
SALEABLE	NOT APPLICABLE	34566-8773	9	B	ST GRV	72												62	61	60	59								
						52																							
						73																	22	21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34566-8783	9	A	BLACK	72	71	70	69	68			66	65	64	63			61	60			57	56		54	53		
						52	51	50	49	48			46	45	44	43					40	39	38	37	36		34	33	
						73			32	31	30	29	28									23	22	21					
SALEABLE	NOT APPLICABLE	34566-8793	9	C	BLUE			71	70			67	66	65				61	60			57			54				
						52	51	50	49	48	47		45	44				41					37				34	33	
						73			32				28	27					25								18	17	
SALEABLE	NOT APPLICABLE	34566-8813	9	B	ST GRV	72	71	70	69	68	67			65	64	63			61	60	59		57	56	55	54	53		
						52	51	50	49	48	47	46	45	44	43	42				40	39					36	35	34	33
						73			32	31	30	29	28	27	26	25	24	23	22	21							4	3	2
SALEABLE	NOT APPLICABLE	34566-8823	9	C	BLUE	72	71	70	69			67	66		64				60								54		
						52	51	50	49			47	46		44					40	39								
						73							30	29	28	27	26	25	24	23	22	21							
SALEABLE	NOT APPLICABLE	34566-8833	9	C	BLUE							67	66																
						72			70		68	67	66			63	62				59		57					54	53
						52	51		49	48	47	46		44					41	40	39		37	36	35	34	33		
SALEABLE	NOT APPLICABLE	34566-8843	0	C	BLUE																								
						72	71	70	69					64														54	
						52	51	50	49			47	46		44				41		39	38							
SALEABLE	NOT APPLICABLE	34566-8853	0	B	ST GRV																								
						72					68	67				63	62	61	60	59							55		
						52					48	47	46		44	43		41	40				38	37	36	35			

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																									
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp		COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																								
		NUMBER																													
SALEABLE	NOT APPLICABLE	34566-8863	0	B	ST GRY	72	71	70	69						64	63		61			58	57	56	55							
						52	51	50	49							43					26	25	24	23	22	21	20				33
						73					32			30	29	28			26	25	24	23		6	5	4					
SALEABLE	NOT APPLICABLE	34566-8873	0	B	ST GRY	72	71	70	69						64	63		61			58	57	56	55							
						52	51	50	49							43					26	25	24	23	22	21	20				33
						73					32	31	30	29	28			26	25	24	23		6	5	4						
SALEABLE	NOT APPLICABLE	34566-8883	0	B	ST GRY	72	71	70	69	68	67	66	65	64	63		61	60	59	58	57	56	55								
						52	51	50	49	48	47	46	45	44	43		41	40	39	38	37	36	35	34	33						
						73					32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17					
SALEABLE	NOT APPLICABLE	34566-8893	0	A	BLACK	72		70			67	66	65		63			60	59	58	57	56	55								
						52	51		49	48	47	46	45		43	42		40	39	38	37	36	35								
						73										28	27			23	22	21							18	17	
SALEABLE	NOT APPLICABLE	34566-8913	0	A	BLACK	72	71	70	69	68		66	65	64	63			60			57	56		54							
						52	51	50	49	48		46	45	44	43	42	41	40	39	38	37	36				34					
						73					32	31	30	29	28							23	22	21							
SALEABLE	NOT APPLICABLE	34566-8923	0	A	BLACK		71	70	69	68	67			64	63	62	61	60	59	57	56	55	54	53							
						52	51	50	49			46	45	44	43	42	41	40	39	38	37	36				34					
						73					32			29	28	27	26	25								21			18		
SALEABLE	NOT APPLICABLE	34566-8933	0	C	BLUE	72	71		69	68		66	65		63			59	58		56			53							
																			39	38		36									
						73						31	30	29						24	23	22	21	20							
SALEABLE	NOT APPLICABLE	34566-8943	0	B	ST GRY	72				68					62	61								55							
						52						46			43			40													
						73																8		6		4	3	2			
SALEABLE	NOT APPLICABLE	34566-8953	9	C	BLUE	72	71	70	69		67	66		64			60							54							
						52	51	50	49		47	46		44			40	39	38												
						73							30	29	28	27	26	25	24	23	22	21								17	
SALEABLE	NOT APPLICABLE	34566-8963	0	B	ST GRY	72				48	47	46			43		41	40					55								
						52																									
						73							30									22	21	20	19	18	17				
SALEABLE	NOT APPLICABLE	34566-8973	0	A	BLACK	72	71	70	69	68		66	65	64	63			60			57	56		54							
						52	51	50	49	48		46	45	44	43	42		40	39	38	37	36				34					
						73					32	31	30	29	28									23	22	21				17	
SALEABLE	NOT APPLICABLE	34566-8983	0	C	BLUE		71	70			67	66		64			61	60			57			54							
						52	51	50	49	48	47		45	44			41				37						34	33			
						73					32			28	27		25												18	17	
SALEABLE	NOT APPLICABLE	34822-0303	0	A	BLACK																										
						65																									
						66																									
SALEABLE	NOT APPLICABLE	34822-0313	0	A	BLACK		63	62	61	60	59					54	53			49											
																			38	37		35									
						65						31			28					24	23	22	21	20	19	18	17				
SALEABLE	NOT APPLICABLE	34566-8993	0	B	ST GRY											62				58											
																				41			38	37							
						73																						19	18	17	






**MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET**

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION 	COLOR OPTION 	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS 																					
		NUMBER																									
SALEABLE	NOT APPLICABLE	34566-9143	9	F	NATURAL	72	71	70			67	66	65	64	63	62	61	60	59			56	55	54	53		
						52	51	50	49	48	47	46	45	44			41	40	39				36	35	34		
						73					32	31		29	28	27	26	25	24	23	22	21	20				
SALEABLE	NOT APPLICABLE	34566-9153	9	B	ST GRN						66					62			58								
														41			38	37									
						73																20	19	18	17		
SALEABLE	NOT APPLICABLE	34566-9163	9	B	ST GRN					68	67	66	65			62		60	59				54	53			
										48	47	46	45	44		42	41	40	39				35	34			
						73					31					27							19	18	17		
SALEABLE	NOT APPLICABLE	34566-9173	0	B	ST GRN								65			62			58								
														41			38	37									
						73																5			19	18	17
SALEABLE	NOT APPLICABLE	34822-0363	9	C	BLUE																						
						65					61		58											20			
SALEABLE	NOT APPLICABLE	34822-0373	9	A	BLACK	64	63	62	61	60						55			52	51				49			
						48	47	46	45							38											
						65					32		30	29		27						22	21	20	19	18	17
SALEABLE	NOT APPLICABLE	34822-0383	9	A	BLACK	64	63	62	61	60			57					52	51					49			
						48	47	46	45					40													
						65					32		30	29		27						22	21	20	19	18	17
SALEABLE	NOT APPLICABLE	34822-0393	0	A	BLACK	64	63	62	61	60			57					52	51					49			
						48	47	46	45							38											
						65					32		30	29		27						22	21	20	19	18	17
SALEABLE	NOT APPLICABLE	34822-0403	9	A	BLACK	64	63									54	53		51				49				
																38	37		35								
						65						31			28							22		20	19	18	17
SALEABLE	NOT APPLICABLE	34822-0413	0	A	BLACK	64	63									54	53		51				49				
																38	37		35								
						65									28							22		20	19	18	17
SALEABLE	NOT APPLICABLE	34822-0423	9	A	BLACK											54	53		50								
										44	43	42	41	40	39		37	36	35	34	33						
						65					31			28		26	25	24	23								
SALEABLE	NOT APPLICABLE	34566-9183	9	B	ST GRN	72	71	70	69	68	67		65	64	63	62	61	60	59		57	56	55	54	53		
						52	51	50	49	48	47	46	45	44	43	42		40	39			36	35	34	33		
						73					32	31	30	29	28	27	26	25	24	23	22	21			19		
SALEABLE	NOT APPLICABLE	34566-9193	9	F	NATURAL					69	68										58	57					
						73								30										19	18	17	
SALEABLE	NOT APPLICABLE	34822-0433	0	A	BLACK	64	63	62		60	59		57	56	55	54	53	52	51	50	49						
						48	47	46	45				42			39		37	36	35	34	33					
						65					32		30	29	28	27	26	25	24	23	22	21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34822-0443	0	A	BLACK	64	63	62		60	59		57	56	55	54	53	52	51	50	49						
						48	47	46	45				42			39		37	36	35	34	33					
						65					32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	








**MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET**

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																						
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION 		COLOR OPTION 	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS 																					
		NUMBER																										
SALEABLE	NOT APPLICABLE	34566-9323	9	A	BLACK	72								64		62	61		59	58	57	56	55	54	53			
						52	51			48		46	45		43		41	40							20			
						73			32		30	29		27		25										4	3	
SALEABLE	NOT APPLICABLE	34566-9333	9	A	BLACK	72								64		62	61		59	58	57	56	55	54	53			
						52	51			48		46	45		43		41	40							20			
						73			32		30	29		27		25										4	3	
SALEABLE	NOT APPLICABLE	34566-9343	9	C	BLUE	72		70	69	68		66				63	62				58		56	55		53		
									49			46			43	42		40				38		36	35			
						73				31	30	29			26		24				22	21			20	19		17
SALEABLE	NOT APPLICABLE	34822-0503	0	A	BLACK	64		62	61	60	59	58				54	53		51									
						48	47								38	37	36		34								66	
						65					30	29	28		26		24			21								17
SALEABLE	NOT APPLICABLE	34822-0513	9	A	BLACK		63	62	61		59					54	53				49							
															38	37		35				33					66	
						65				31			28				24			22	21				20	19	18	17
SALEABLE	NOT APPLICABLE	34566-9353	9	A	BLACK	72								64		62	61			58	57	56	55	54	53			
						52	51			48		46	45		43		41	40							20			
						73			32		30	29		27		25										4		
SALEABLE	NOT APPLICABLE	34566-9363	9	A	BLACK	72								64		62	61				57	56	55	54	53			
						52	51					46	45		43		40					37			35	34		
						73			32		30	29		27		25										4		
SALEABLE	NOT APPLICABLE	34566-9373	9	G	BLUE	80														66		64						
							59		57									49										
							39									30												
SALEABLE	NOT APPLICABLE	34566-9383	9	A	BLACK	72	71	70	69	68				64	63	62	61		59	58	57	56	55	54	53			
						52	51	50		48	47	46	45	44	43		41	40	39	38	37				35	34	33	
						73			32		30	29		27	26	25	24								20	19	18	17
SALEABLE	NOT APPLICABLE	34566-9393	0	B	ST GR Y	72	71	70	69	68	67		65	64	63		61	60	59		57	56	55	54	53			
						52	51	50	49	48	47	46	45	44	43	42		40	39					36	35	34	33	
						73			32	31	30	29	28	27	26	25	24	23	22	21					20			
SALEABLE	NOT APPLICABLE	34566-9413	9	H	ST GR Y																							
SALEABLE	NOT APPLICABLE	34566-9423	0	A	BLACK	72	71	70			67	66								58	57	56	55	54	53			
						52	51	50				47	46						39		37			36	35		33	
						73			32	31	30	29	28	27	26												18	17
SALEABLE	NOT APPLICABLE	34566-9433	0	B	ST GR Y	72	71	70	69	68	67	66	65	64	63		61			58	57	56	55	54	53			
						52	51	50	49	48	47	46	45	44			40	39					37	36	35	34	33	
						73					30	29	28	27	26	25	24				21							
SALEABLE	NOT APPLICABLE	34566-9443	9	B	ST GR Y			70	69	68	67		65	64	63	62	61	60	59		57	56	55	54	53			
								50	49	48	47	46		44	43	42		40	39					36	35	34	33	
						73			32	31	30	29	28	27	26	25	24	23	22	21								
SALEABLE	NOT APPLICABLE	34566-9453	0	A	BLACK	72	71	70	69		67			64			61	60	59		57	56	55	54	53			
						52	51			48			45	44			41	40	39	38	37			36	35	34		
						73					31	30	29		27	26	25			22					19	18		

MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																							
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION 		COLOR OPTION 	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS 																						
		NUMBER																											
SALEABLE	NOT APPLICABLE	34566-9463	0	G	BLUE	80	79	78			75									66	65	64							
							59															46			43	42	41		
								39	38	37		35					30						26	25	24		22	21	
						20			18	17	16					12				8	7		6	5			3	2	1
SALEABLE	NOT APPLICABLE	34566-9473	0	G	BLUE	80	79	78			75									66	65	64			62				
							59															46			43	42	41		
								39	38	37		35					30						26	25	24		22	21	
						20			18	17	16					12				8	7		6	5			3	2	1
SALEABLE	NOT APPLICABLE	34566-9483	0	G	BLUE	80	79	78			75									66	65	64							
							59															46			43	42	41		
								39	38	37		35					30						26	25	24		22	21	
						20			18	17	16					12				8	7		6	5			3	2	1
SALEABLE	NOT APPLICABLE	34566-9493	0	G	BLUE	80	79	78			75									66	65								
							59															46			43	42	41		
								39	38	37		35					30						26	25	24		22	21	
						20			18	17	16					12				8	7		6	5			3	2	1
SALEABLE	NOT APPLICABLE	34566-9513	0	G	BLUE	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61				
						60	59	58	57	56	55	54	53	52	51	50	49	48		46				43	42	41			
								39	38	37		35					30						26	25	24		22	21	
						20			18	17	16					12				8	7		6	5			3	2	1
SALEABLE	NOT APPLICABLE	34566-9523	0	G	BLUE	80	79	78			75									66	65	64			62				
							59		57					53								46			43	42	41		
								39	38	37		35			33			30					26	25	24		22	21	
						20			18	17	16								8	7		6	5			3	2	1	
SALEABLE	NOT APPLICABLE	34822-0523	0	C	BLUE	64	63	62		60	59		57	56	55	54	53	52	51	50	49	66							
						48	47	46	45			42				39		37	36	35	34	33			19	18	17		
						65					32		30	29	28	27	26	25	24	23	22						3	2	1
										16	15	14	13	12	11	10	9	8	7	6									
SALEABLE	NOT APPLICABLE	34566-9543	0	A	BLACK				49	48	47	46	45	44	43			40		38	37	36		34					
						73					32	31		29	28	27		25	24	23	22		20	19	18	17			
										16	15			12		10	9			6	5					2	1		
SALEABLE	NOT APPLICABLE	34566-9553	0	C	BLUE	52	51	50	49	48	47	46	45	44	43	42		40	39		37	36	35	34	33				
						73					32		30	29	28	27	26	25	24	23	22				19	18	17		
										16	15	14	13	12	11	10	9	8	7	6						3	2	1	
SALEABLE	NOT APPLICABLE	34566-9563	0	C	BLUE	72	71	70	69		67	66	65	64				60					56		54				
						52	51	50	49	48	47	46	45	44				40	39	38							34		
						73					31	30		28			26	25	24	23	22	21	20					17	
										16	15	14	13	12					9	8	7	6	5	4					
SALEABLE	NOT APPLICABLE	34566-9573	0	B	ST GRAY	72	71	70	69	68	67		65	64	63		61	60	59		57	56	55	54	53				
						52	51	50	49	48	47	46	45	44	43	42		40	39			36	35	34	33				
						73					32	31	30	29	28	27	26	25	24	23	22	21							
										16	15	14	13	12	11	10	9	8	7	6			4	3	2				
SALEABLE	NOT APPLICABLE	34566-9583	0	B	ST GRAY	72	71	70	69	68	67	66	65	64	63		61	60	59		57	56	55	54					
						52	51	50	49	48	47	46	45	44	43		41	40	39	38	37	36	35	34	33				
						73					32	31	30	29	28			26	25	24	23	22	21	20	19	18	17		
										16	15	14	13	12				9	8	7	6	5	4	3	2	1			
SALEABLE	NOT APPLICABLE	34566-9593	0	A	BLACK	72		70			67				63			60	59	58	57	56	55						
						52	51			48	47				43	42		40	39	38	37	36	35						
						73									28	27										18	17		
															12	11		9	7							2	1		
SALEABLE	NOT APPLICABLE	34566-9613	0	C	BLUE		71	70	69		67	66	65	64				60				56							
						52	51	50	49		47	46	45	44				40	39							34			
						73					31	30		28			26	25	24	23	22	21	20	19	18	17			
										16	15	14	13	12				9	8	7	6	5	4						
SALEABLE	NOT APPLICABLE	34566-9623	9	B	ST GRAY	72	71	70						64	63		61			58	57	56	55						
						52	51	50							43						38	37	36						
						73					32		30	29	28			26	25	24	23	22	21	20					
										16			14	13			11	10	9	8	7	6	5	4					



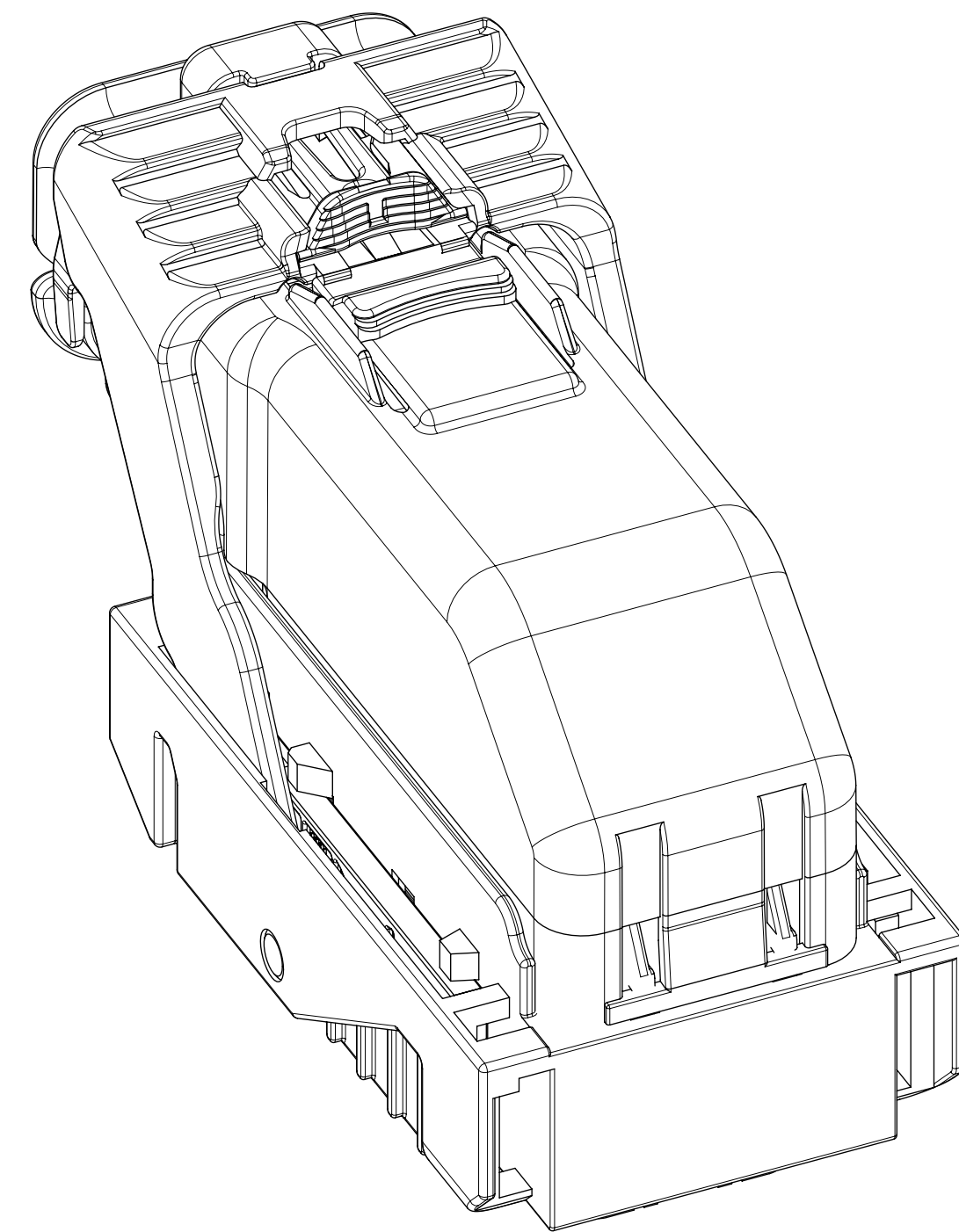
### MX123 52/66/73/80-WAY RECEPTACLE ASSY SEALED PIN OUT SHEET

STATUS	GM PART #	HRNS CONN ASSY			TPA	GROMMET CAP																					
		MATERIAL/PART	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS																					
		NUMBER																									
SALEABLE	NOT APPLICABLE	34566-9633	9	B	ST GR Y	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53		
						52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33		
						73						32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
SALEABLE	NOT APPLICABLE	34566-9643	9	A	BLACK	69								64	63		61		59								
						52				48				44	43		41		39	38			35	34			
						73								30	29				10					5			2
SALEABLE	NOT APPLICABLE	34566-9653	9	G	BLUE	80														66	65						
							59		57																		
							39									30											
SALEABLE	NOT APPLICABLE	34566-9663	0	B	ST GR Y	72	71	70	69	68	67	66	65	64	63		61			58	57	56	55	54	53		
						52	51	50	49	48	47	46	45	44			40				37	36	35	34	33		
						73						32		30	29	28		26	25	24		21					2
SALEABLE	NOT APPLICABLE	34822-0533	9	C	BLUE	64	63			60	59		57	56	55		53	52	51	50	49	66					
						48	47	46	45			42				39	38		36	35	34	33					
						65						32		30	29	28	27	26	25	24	23	22		20		18	17
SALEABLE	NOT APPLICABLE	34822-0543	0	A	BLACK	64	63	62	61	60	59					54	53		51		49	66					
							47									38	37		35		33						
						65									28			25	24		22	21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34822-0553	0	A	BLACK	64	63								54	53		51		49	66						
														38	37		35		33								
						65							31		28				24	23		21	20	19	18	17	
SALEABLE	NOT APPLICABLE	34822-0563	0	C	BLUE	64	63	62		60	59		57	56	55	54	53	52	51	50	49	66					
						48	47	46	45			42				39		37	36	35	34	33					
						65						32		30	29	28	27	26		24	23	22			19	18	17
SALEABLE	NOT APPLICABLE	34566-9673	0	C	BLUE	72	71	70	69		67	66	65	64				60			56			54			
						52	51	50	49		47	46	45	44				40	39	38						34	
						73							31	30		28		26	25	24	23	22	21	20			17
SALEABLE	NOT APPLICABLE	34566-9683	0	B	ST GR Y	72	71	70	69	68	67	66	65	64	63		61	60		57	56	55	54				
						52	51	50	49	48	47	46	45	44	43		41	40		38	37	36	35			33	
						73						32	31	30	29	28		26		24	23	22	21	20	19		17
SALEABLE	NOT APPLICABLE	34566-9693	0	A	BLACK	72		70			67					63			60	59	58	57	56	55	53		
						52	51			48	47				43	42		40	39	38	37	36	35			33	
						73										28										18	17
SALEABLE	NOT APPLICABLE	34566-9713	0	B	ST GR Y					68	67	66	65	64					59	58	57		55	54	53		
							51	50	49	48		46	45		43	42		40	39	38	37			35		33	
						73						32	31	30				26		24	23	22		20			
SALEABLE	NOT APPLICABLE	34566-9723	0	B	ST GR Y	72	71	70	69	68	67	66	65	64	63		61			58	57	56	55				
						52	51	50	49	48	47	46	45		43			40			37	36					
						73						32		30	29	28		26	25	24		21			19		
SALEABLE	NOT APPLICABLE	34566-9733	0	A	BLACK	72	71	70			67	66						59						53			
						52	51	50			47	46						39			37				35		33
						73								30	29	28	27	26			21						17
SALEABLE	NOT APPLICABLE	34822-0573	0	A	BLACK	64	63									54	53		51		49	66					
																38	37		35		33						
						65										28			24		22		20	19	18	17	

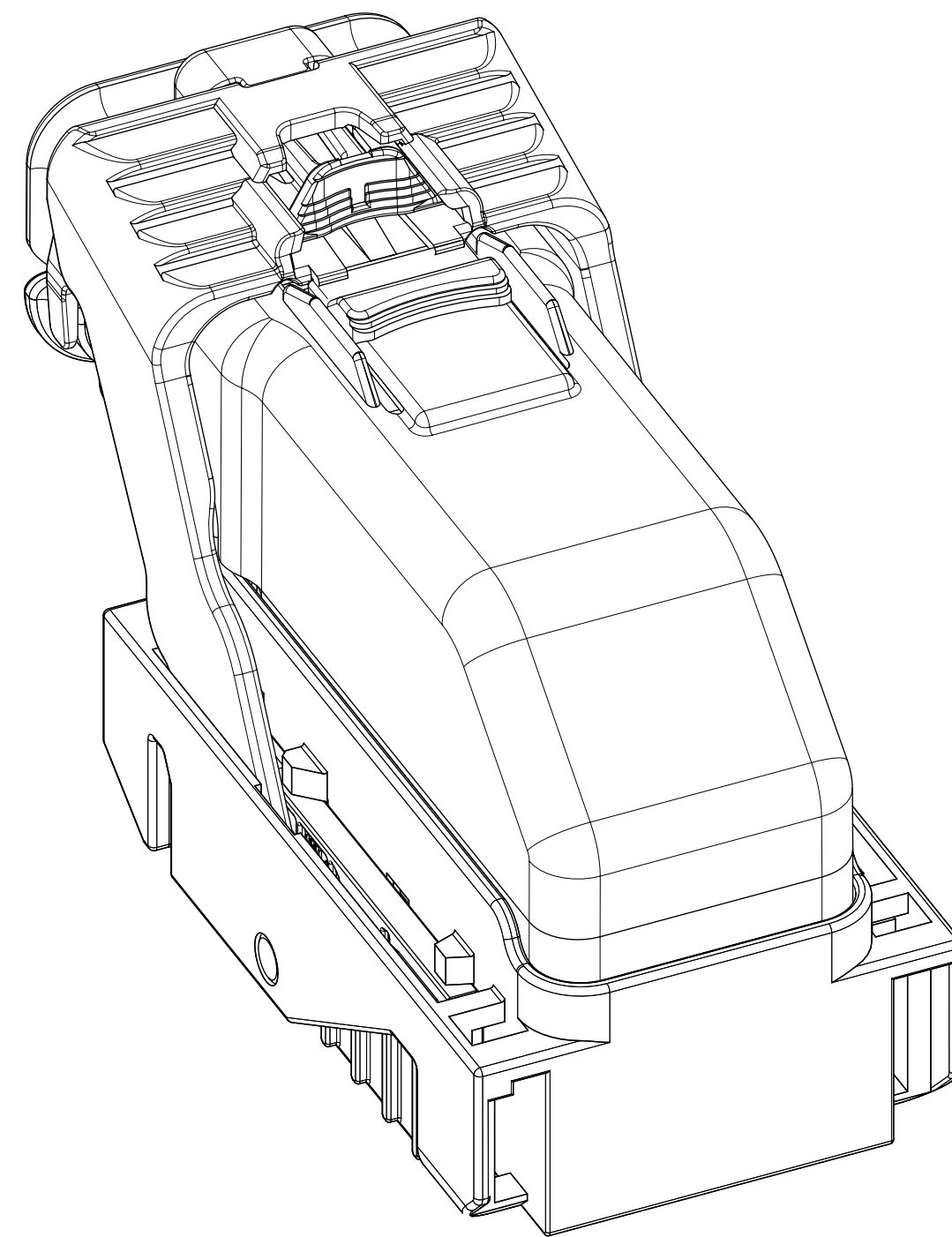
STATUS	GM PART #	HRNS CONN ASSY				TPA	GROMMET CAP																							
		MATERIAL/PART NUMBER	WIRE DRESS OPTION	KEY OPTION Fp	COLOR OPTION Fp	NUMBERS INDICATE CAVITIES OPEN FOR CIRCUITS Fp																								
SALEABLE	NOT APPLICABLE	34822-0583	0	A	BLACK						59	58	57	56		54	53			50		66								
									44																34	33				
							65																							
SALEABLE	NOT APPLICABLE	34822-0593	0	A	BLACK	64	63	62		60	59		57	56	55	54	53			51		49	66							
						48	47	46	45						39			37			35		33							
							65																			21		19	18	17
SALEABLE	NOT APPLICABLE	34566-9743	0	B	ST GRAY	72	71	70	69	68	67		65	64	63		61	60	59		57	56	55	54	53					
								50	49	48	47	46		44	43	42		40	39			36	35	34	33					
						73																								
SALEABLE	NOT APPLICABLE	34566-9753	0	C	BLUE	72	71	70	69		67	66	65	64				60												
						52	51	50	49		47	46	45	44		42	41	40	39											
						73																								
SALEABLE	NOT APPLICABLE	34566-9763	0	G	BLUE				78	77	76									67	66	65								
SALEABLE	NOT APPLICABLE	34566-9773	0	A	BLACK	72	71	70			67	66																		
						52	51	50			47	46																		
						73																								
SALEABLE	NOT APPLICABLE	34566-9783	0	B	ST GRAY	72	71	70	69	68	67		65	64	63	62	61	60	59		57	56	55	54	53					
								50	49	48	47	46		44	43	42		40	39			36	35	34	33					
						73																								
SALEABLE	NOT APPLICABLE	34822-0603	0	C	BLUE	64	63	62		60	59		57	56	55	54	53			51		49	66							
						48	47	46	45																					
							65																							
SALEABLE	NOT APPLICABLE	34822-0613	0	A	BLACK		63	62	61		59						54	53												
							65																							
SALEABLE	NOT APPLICABLE	34566-9793	9	B	ST GRAY	72	71		69	68	67		65	64	63		61			58	57	56	55	54	53					
						52	51	50	49	48	47			44	43		41			38	37	36								
						73																								
SALEABLE	NOT APPLICABLE	34566-9813	9	A	BLACK	72	71	70			67	66	65	64	63	62	61		59											
						52	51				47	46	45	44	43	42	41		39		37	36	35	34	33					
						73																								
SALEABLE	NOT APPLICABLE	34822-0623	0	A	BLACK	64	63	62		60	59		57	56	55	54	53	52	51	50	49	66								
						48	47	46	45																					
							65																							
SALEABLE	NOT APPLICABLE	34566-9823	0	A	BLACK	72	71	70	69	68	67		65	64	63		61	60	59		57	56	55	54	53					
						52	51	50	49	48	47	46	45	44	43	42		40	39			36	35	34	33					
						73																								
SALEABLE	NOT APPLICABLE	34822-0633	0	A	BLACK		63	62	61		59						54	53												
							65																							
SALEABLE	NOT APPLICABLE	34822-0643	9	C	BLUE	64	63			60	59		57	56	55		53	52	51	50	49	66								
						48	47	46	45																					
							65																							







TYPE 2



TYPE 1

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

- A. RESIN: SEE COMPONENT DRAWINGS
- B. FOR BILL OF MATERIALS: SEE TABLE

2. DESIGN - GENERAL:

- A. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- B. TOLERANCES:
  - a. LINEAR X.X ± 0.30  
X.XX ± 0.10  
X.XXX ± 0.10
  - b. ANGULAR X° ± 3.0°
- C. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- D. FOLLOWING PRODUCTION CODES TO BE PERMANENTLY MARKED & HUMAN READABLE TO A LETTER HEIGHT <3mm.  
LINE #1: MATERIAL #:XXXX-XXXX  
LINE #2: DATE CODE: JJYY (JULIAN DAY, LAST DIGIT OF YEAR)  
LINE #3: INSPECTION MACHINE CODE + SERIAL #: X.XXXXX
- E-1. PARTS MUST BE FREE OF DISCOLORATION, SALT RESIDUE AND OTHER IMPERFECTIONS THAT AFFECT FIT OR FUNCTION.
- E-2. SCRATCHES OR DENTS NOT TO EXCEED 0.13mm IN DEPTH.
- F. CHANGES IN DESIGN FROM PART PREVIOUSLY APPROVED REQUIRES PRIOR ENGINEERING APPROVAL. THIS INCLUDES BUT IS NOT LIMITED TO DRAFT, MATERIAL OR PROCESSING.
- G. SHALL CONFORM TO THE FOLLOWING PACKAGING SPECIFICATION : PK-31300-019

3. DESIGN - MANUFACTURING:

- A. DRAFT TO BE WITHIN TOLERANCE.
- B. ALLOWABLE FLASH 0.2 MAX HIGH X 0.13 MAX THICK.
- C. ALLOWABLE PARTING LINE MISMATCH 0.2 MAX.
- D. EJECTOR PINS MARK TO BE FLUSH TO 0.25 MAX DEPRESSED.
- E. ALLOWABLE GATE VESTIGE TO BE FLUSH TO 0.25 MAX PROTRUSION.

4. SYSTEM REQUIREMENTS:

WHEN TESTED TO SAE/USCAR-2 REV: 3, APRIL 2001, AND GMW #3191, AUGUST 22, 2000 (DRAFT).

- A. TPA (WITHOUT TERMINALS)
  - a. INSERTION FORCE FROM PRE-SET TO LOCK: ≥20N
  - b. REMOVAL FORCE FROM PRE-SET: ≥20N
- B. CPA
  - a. INSERTION FORCE FROM PRE-SET TO LOCK WITH CONNECTOR UN-MATED: ≥60N
  - b. REMOVAL FORCE FROM PRE-SET: ≥30N
- C. GROMMET CAP
  - a. REMOVAL FORCE FROM HOUSING WITH ENGAGED LATCHES: ≥110N
- D. MATE ASSIST LEVER
  - a. INADVERTENT ACTUATION FORCE DURING SHIPPING, HANDLING OR PRE-ASSEMBLY: ≥150N

BOM		
CIRCUIT	TYPE-1	TYPE-2
73	345667301	2167390001
80	345668001	2167380001
66	348226601	2167410001

G65	TYPE-2 OPTION ADDED
G64	MIGRATED FROM ECTR TO TC
G63	CHANGE DIMENSION 47.92 AND 89.2+0.50 POSITION: CHANGE > TO ≥ IN NOTES 4; TAKE OFF MODEL NUMBERS IN SHEET 2-4
G62	UPDATE ALL VIEWS IN SHEET 1, SHEET 2 AND SHEET 3
G61	BOM MIGRATE TO 345660001-SD.pdf
G60	ADD NEW PIN CONFIGURATION 34822-0253 thru 34822-0293 , 34566-8773 thru 34566-8983, 34576-7663 thru 34576-7723
G59	UPDATED HARNESS ASSY PART# DESCRIPTIONS
G58	ADD NEW PIN CONFIGURATION 34566-8743 34566-8753 34566-8763 34822-0243
G56	TO RESOLVE ISSUES WITH VIEWS ON SHEETS 1, 2, 3 AND 4
G55	ADDED HARNESS CONNECTOR ASSEMBLY PART NUMBERS
G54	ADDED KNOCKOUT PATTERNS
G53	UPDATED DRAWING TO INCLUDE ISO WIRE AND AWG WIRE HRNS CONN ASSEMBLY PART NUMBERS
G52	ADD NEW PIN CONFIGURATION 34566-8613 34566-8623
G51	ADD NEW PIN CONFIGURATION 34566-8563 34566-8573 34566-8583 34566-8593 34822-0183 34822-0193 34822-0203 34822-0213
G50	ADD NEW PIN CONFIGURATION 34566-8543 34566-8553
G49	ADD NEW PIN CONFIGURATION 34566-8443 34566-8453 34566-8463 34566-8473 34566-8483 34566-8493 34566-8513 34566-8523 34566-8533
G48	ADD NEW PIN CONFIGURATION 34566-8393 34566-8413 34566-8423 34566-8433
G47	SHEETS SEQUENCE ARE CORRECTED
G46	ADD NEW PIN CONFIGURATION 34566-8223 34566-8233 34566-8243 34566-8253 34566-8263 34566-8273 34566-8283 34566-8293 34566-8313 34566-8323 34566-8333 34566-8343 34566-8353 34566-8363 34566-8373 34566-8383
G45	NX RE-MASTERING
G44	ADD NEW PIN CONFIGURATION 34566-8173
G43	ADD NEW PIN CONFIGURATION 34566-8163 34566-2493 SAME AS P/N 34566-3863
REV	DESCRIPTION

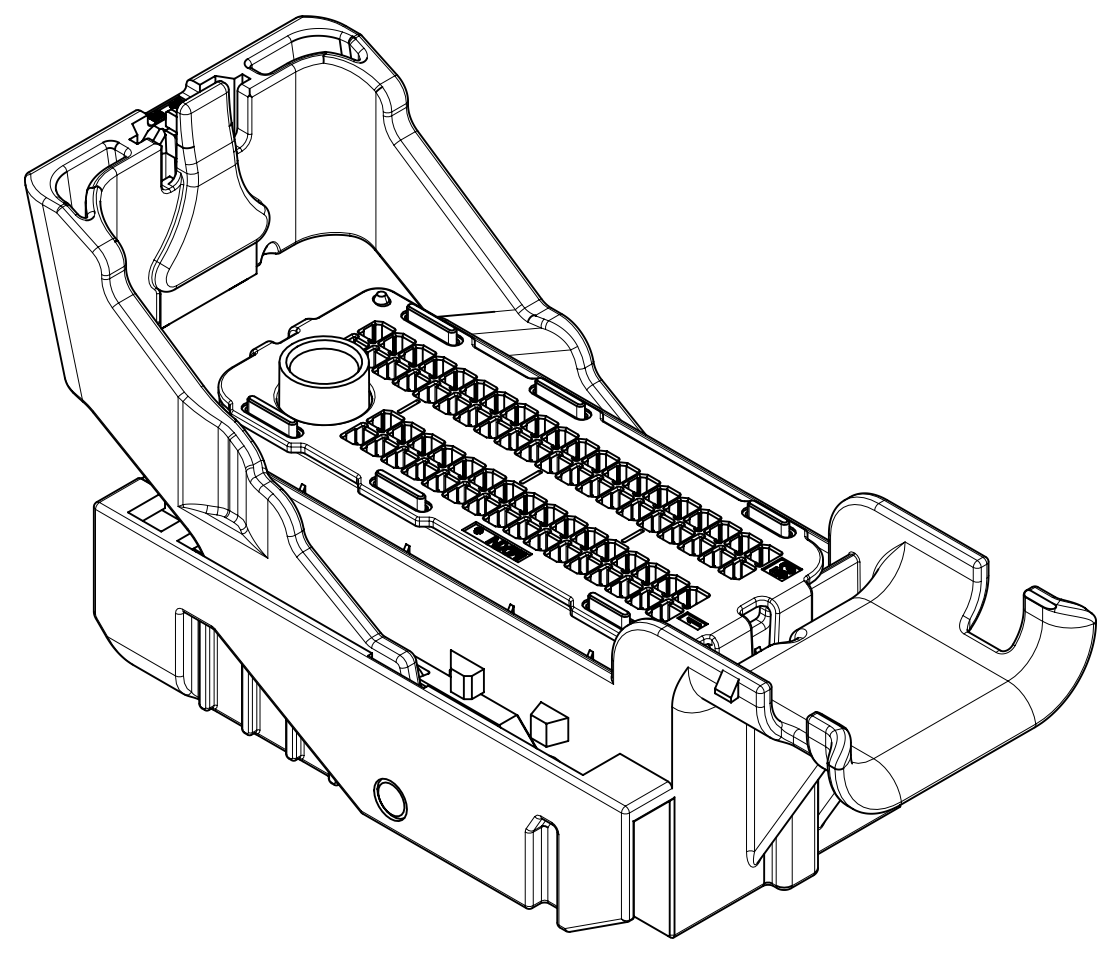
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	FA = 0	mm	SCALE 2:1	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		PHASE: Design Production	
	FC = 0	ANGULAR TOL ± 0.5°	CO NO: CO-00000304	
DIVISIONAL SYMBOLS	FD = 0	4 PLACES ±	DRWN: Kevin Kang	2022-04-28
		3 PLACES ±	CHK'D: Anil Kumar M S	2022-06-28
		2 PLACES ±	APPR: Brad Dick	2022-07-12
		1 PLACE ±	INITIAL REVISION:	
	0 PLACES ±	DRWN: RFC_PLMIMP		
		APPR:		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 34566
		DOCUMENT NUMBER SD-34566-001		DOC TYPE PSD
		CUSTOMER GENERAL MARKET		DOC PART 000
		SHEET NUMBER 1 OF 11		REVISION G65

**molex**

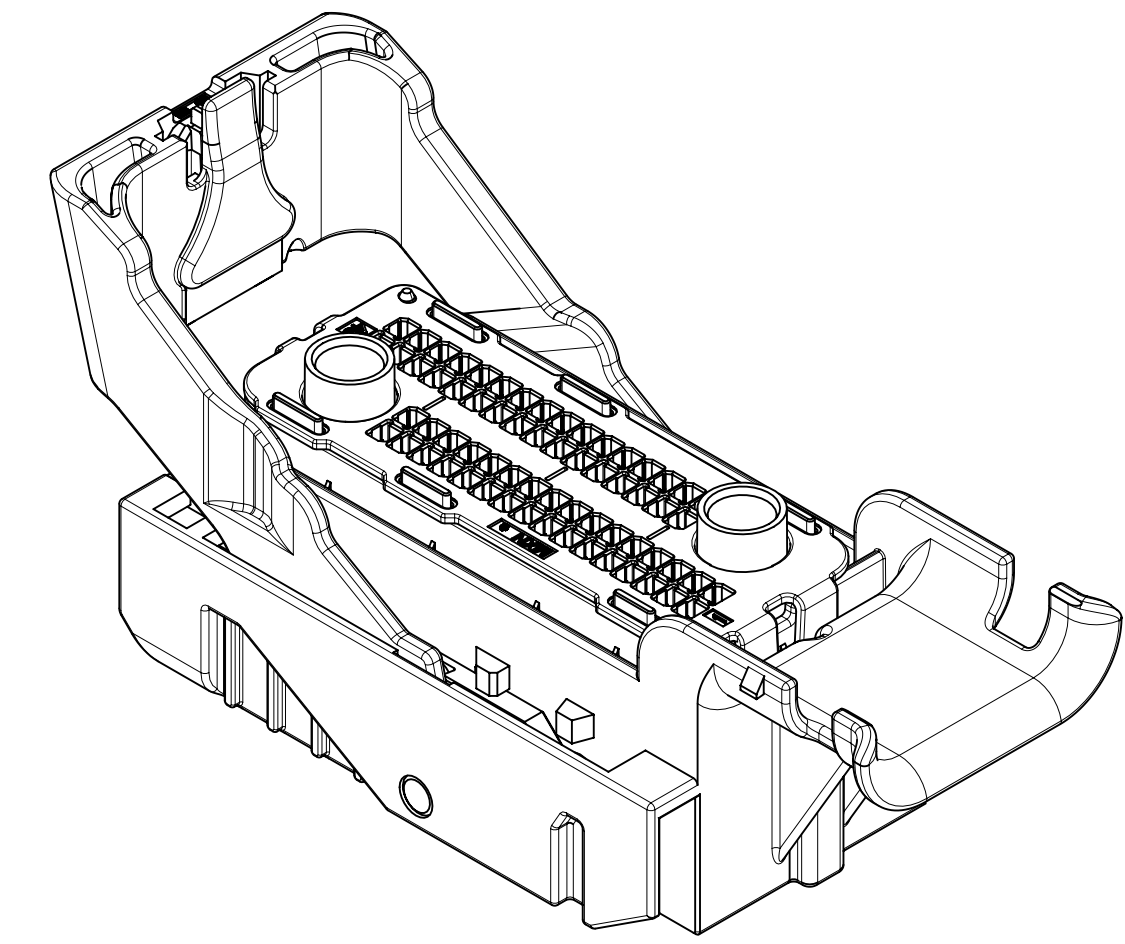
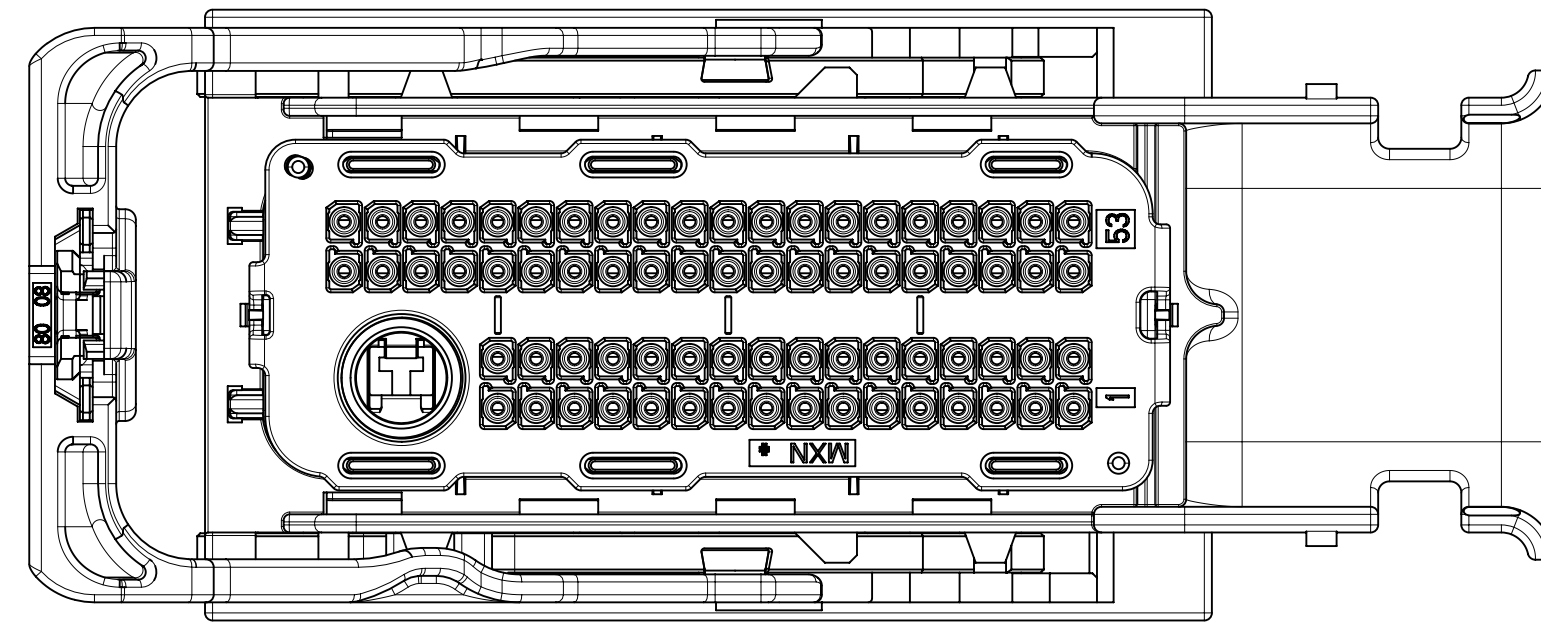
MX123  
66/73/80CKT HRNS CONN ASSY

PRODUCT SALES DRAWING

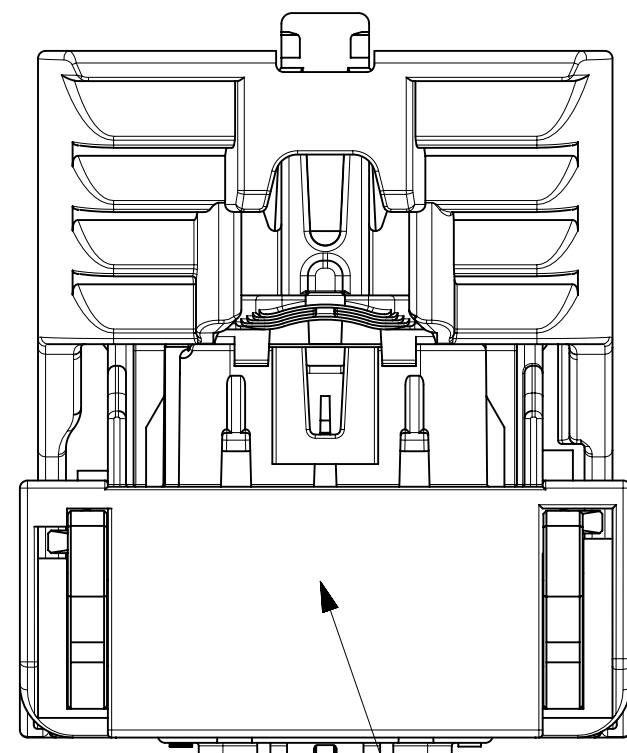




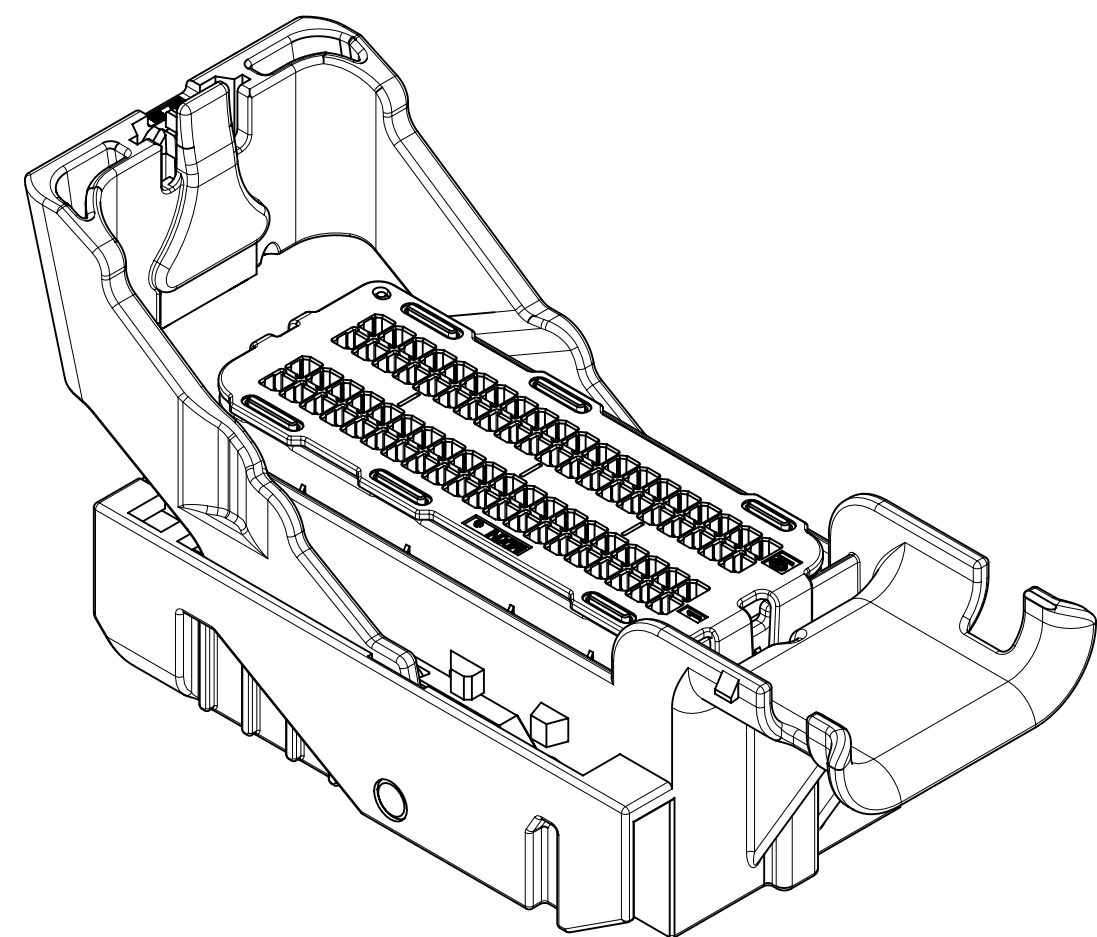
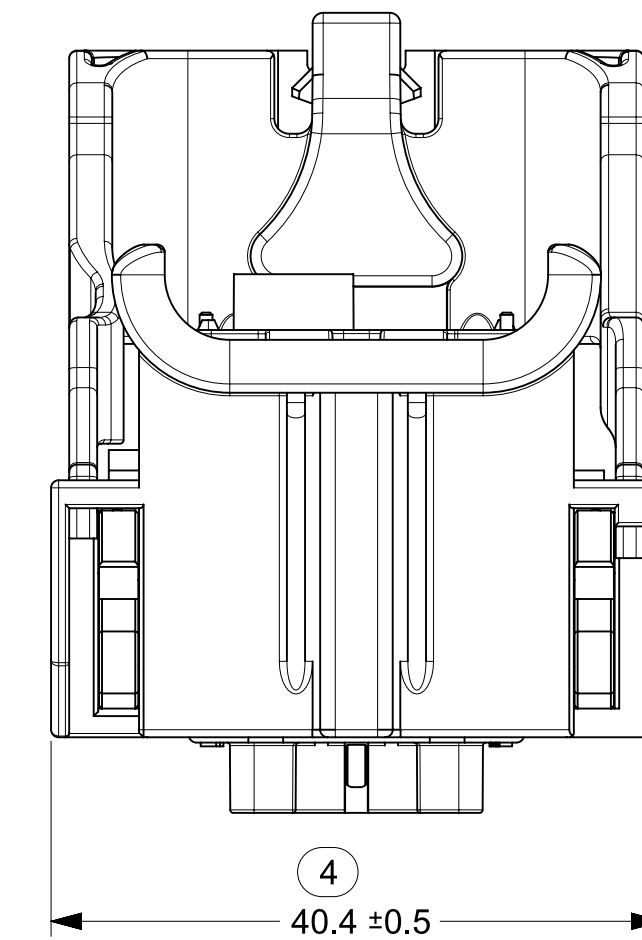
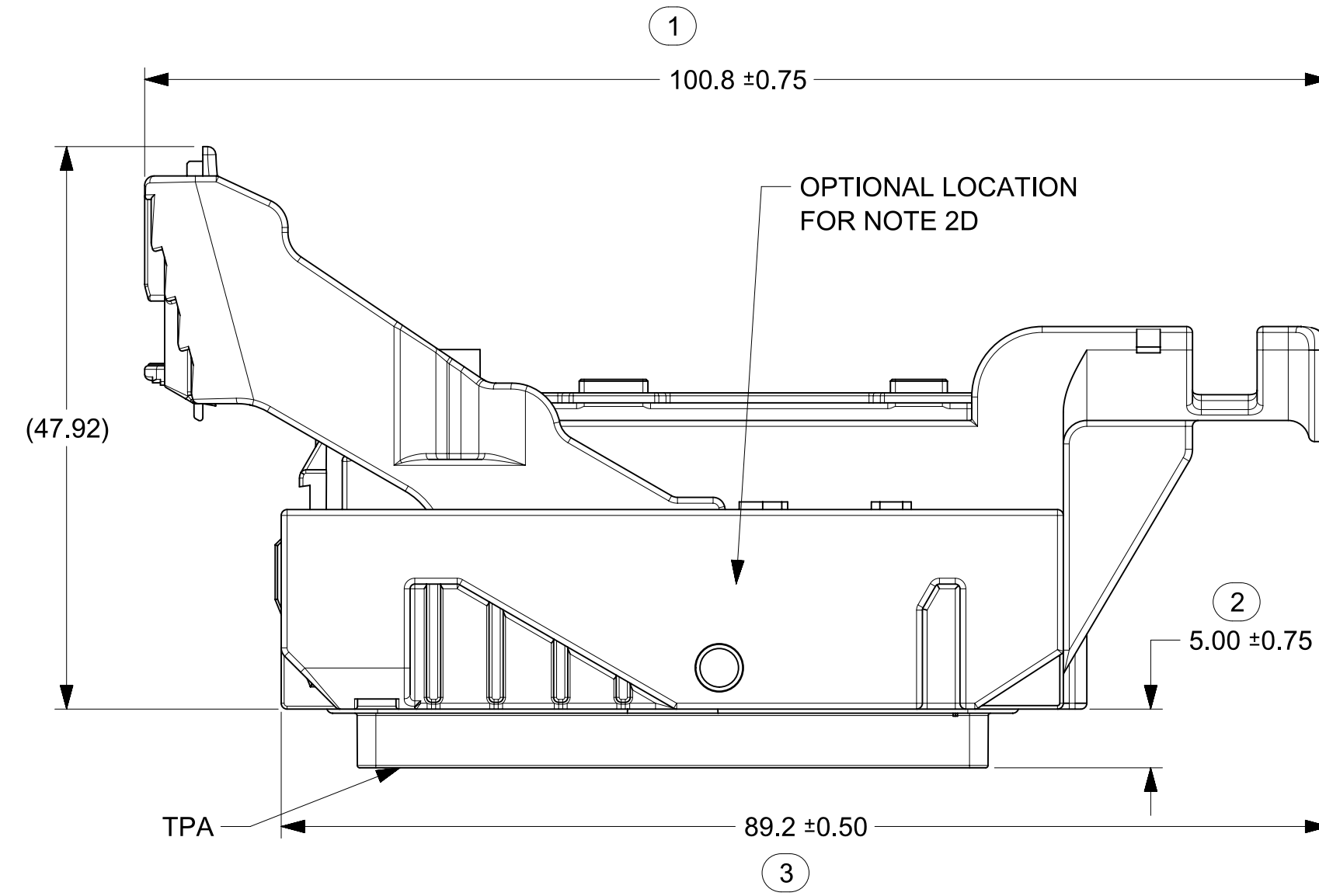
73 CKT  
SCALE 3:2



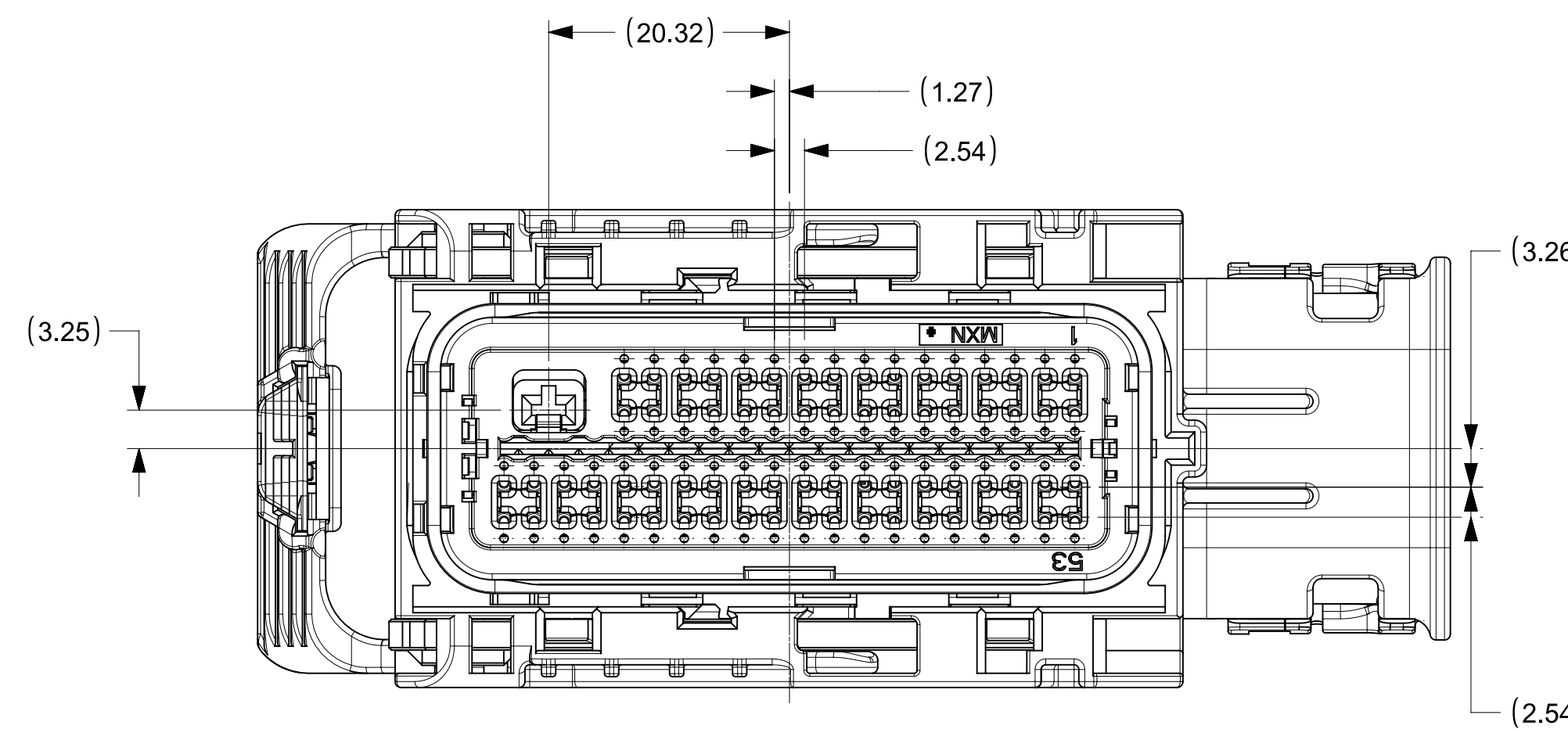
66 CKT  
SCALE 3:2



RECOMMENDED LOCATION  
FOR NOTE 2D



80 CKT  
SCALE 3:2



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE	
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$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
$\nabla_D = 0$	ANGULAR TOL $\pm 0.5^\circ$			
DIVISIONAL SYMBOLS	4 PLACES	$\pm$	PHASE: Design Production	
	3 PLACES	$\pm$	CO NO: CO-00000304	2022-04-28
	2 PLACES	$\pm$	DRWN: Kevin Kang	2022-06-28
	1 PLACE	$\pm$	CHK'D: Anil Kumar M S	2022-07-12
	0 PLACES	$\pm$	APPR: Brad Dick	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			D-SIZE	34566
			MATERIAL NUMBER	CUSTOMER
			SD-34566-001	GENERAL MARKET
			DOC TYPE	DOC PART
			PSD	000
			REVISION	G65
			SHEET NUMBER	
			2 OF 11	

**molex**

MX123  
66/73/80CKT HRNS CONN ASSY

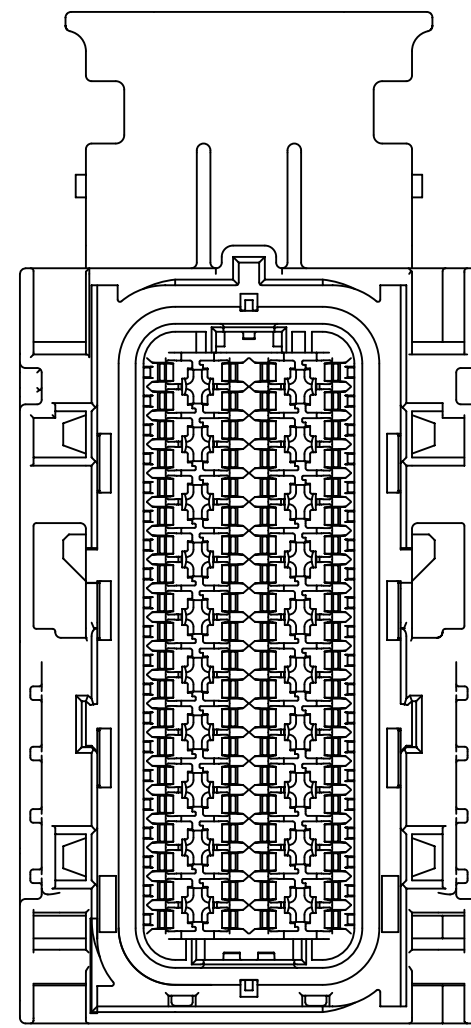
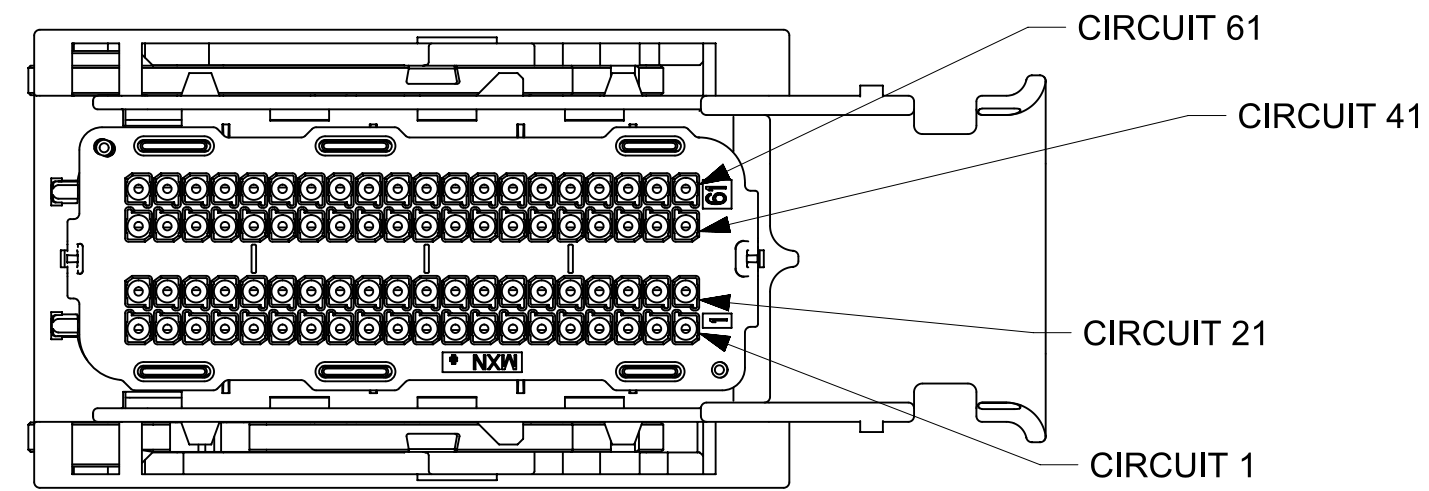
PRODUCT SALES DRAWING

DOCUMENT NUMBER: SD-34566-001  
DOC TYPE: PSD  
DOC PART: 000  
REVISION: G65

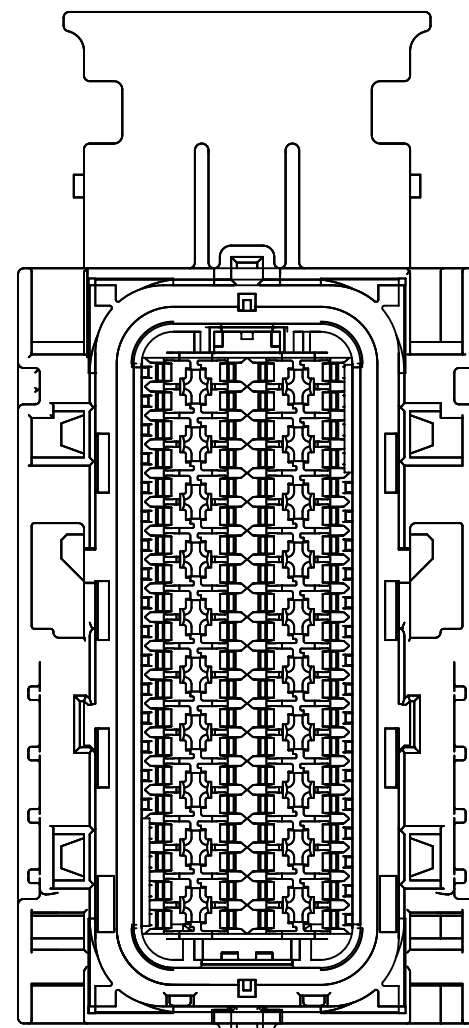
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CUSTOMER: GENERAL MARKET  
SHEET NUMBER: 2 OF 11

HOUSING ONLY, SHOWN FOR CLARITY

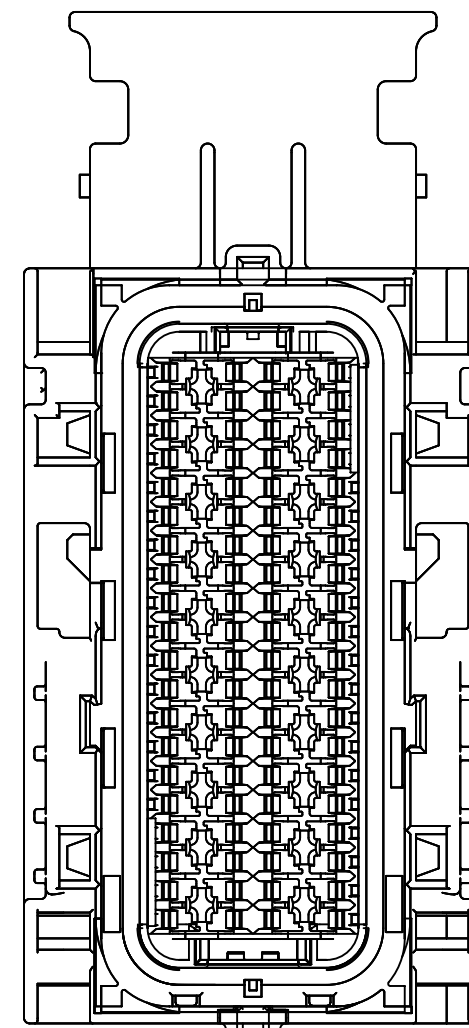
80 CKT  
WIRE DRESS OPTION 0



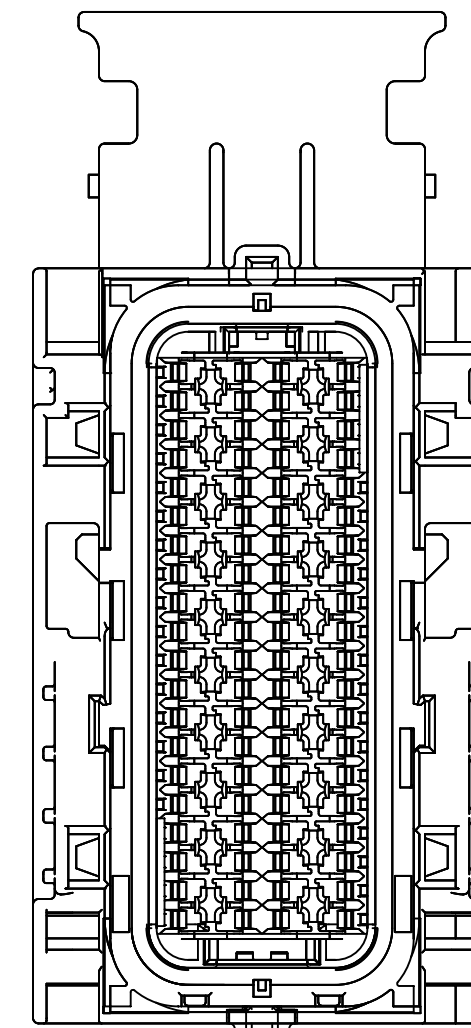
KEY G



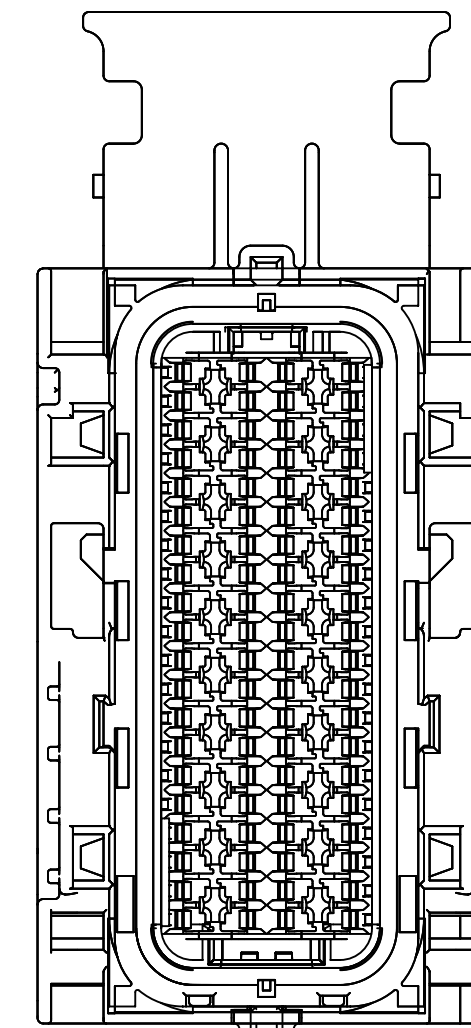
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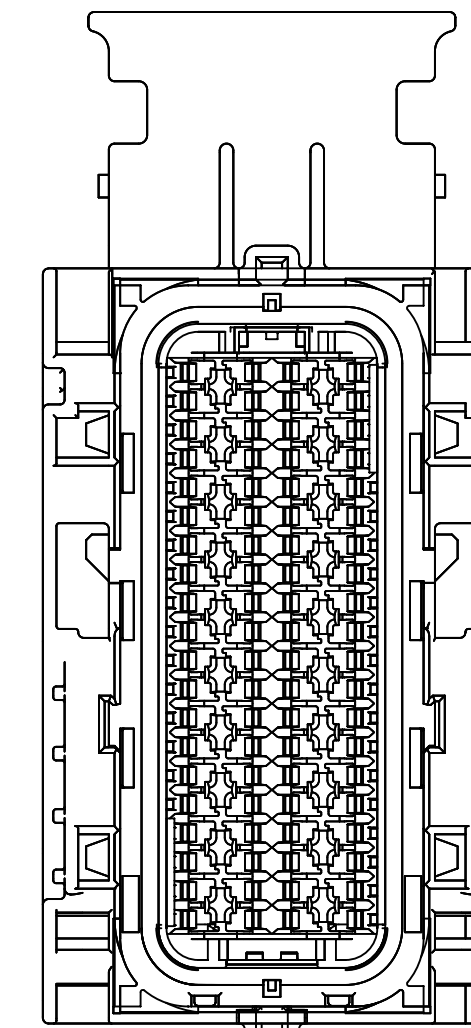
KEY J



KEY K

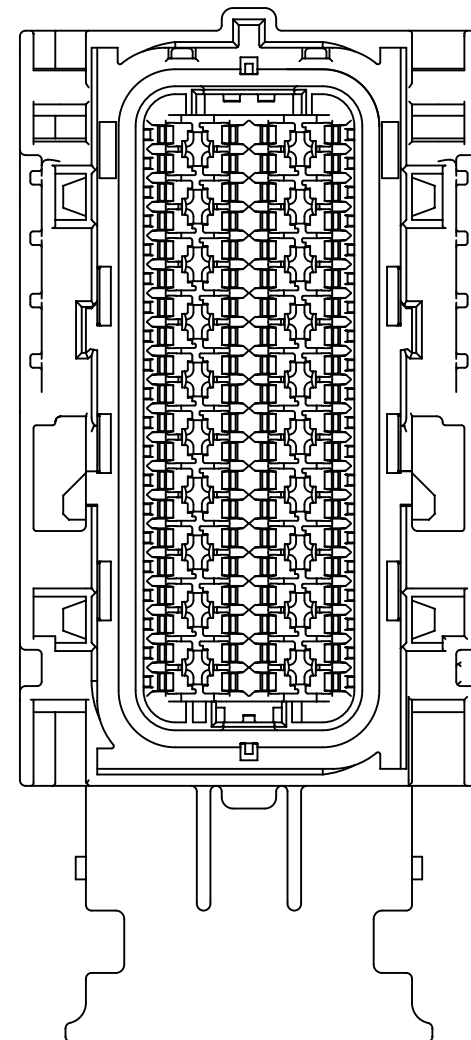
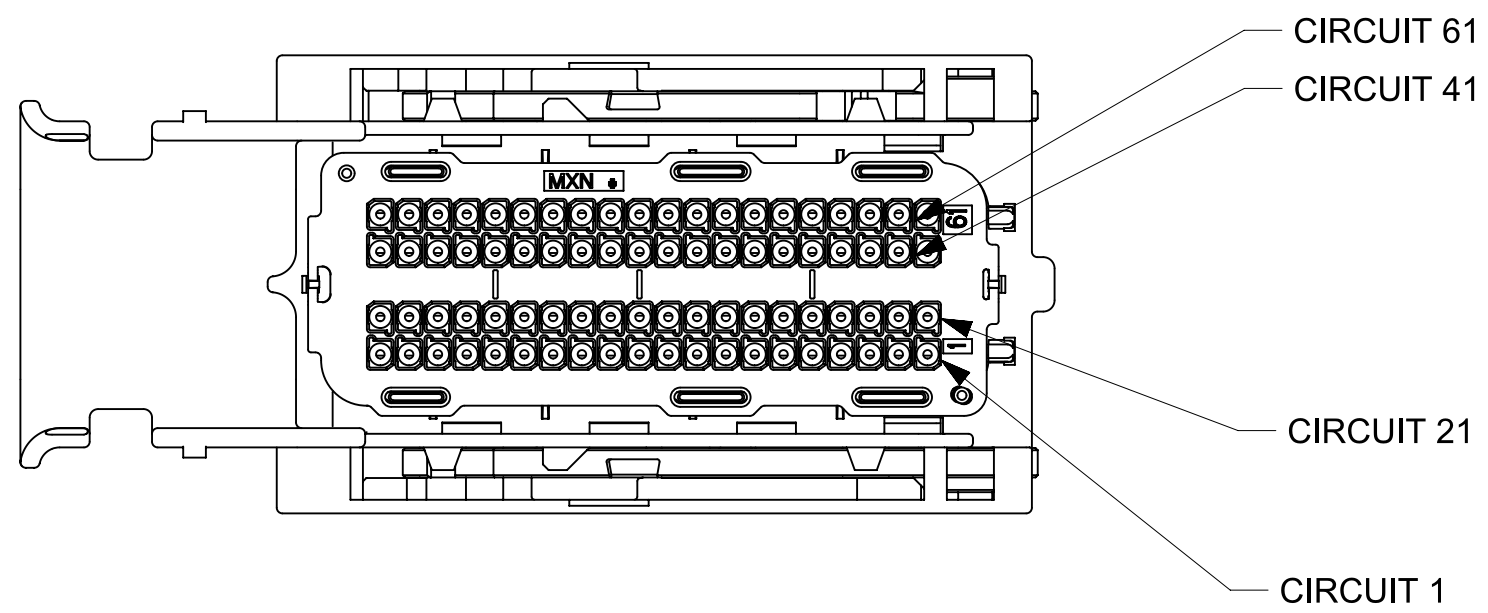


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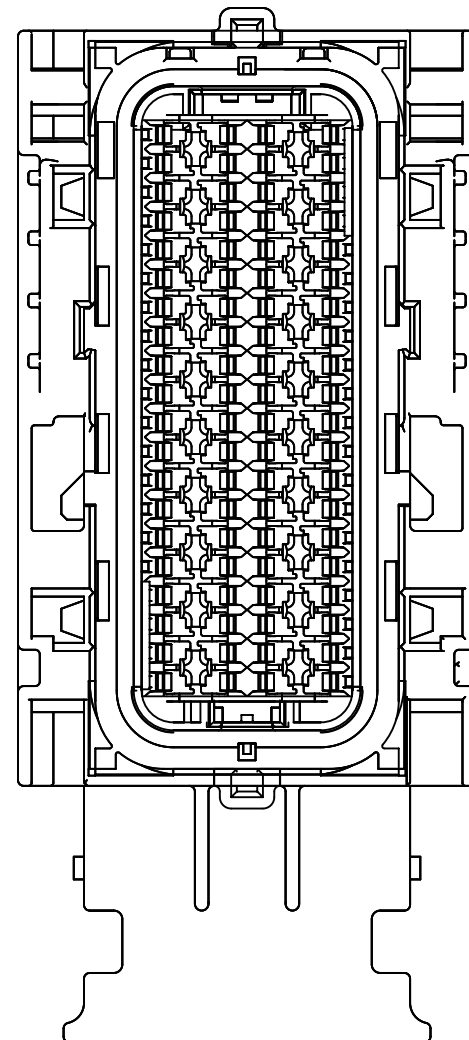


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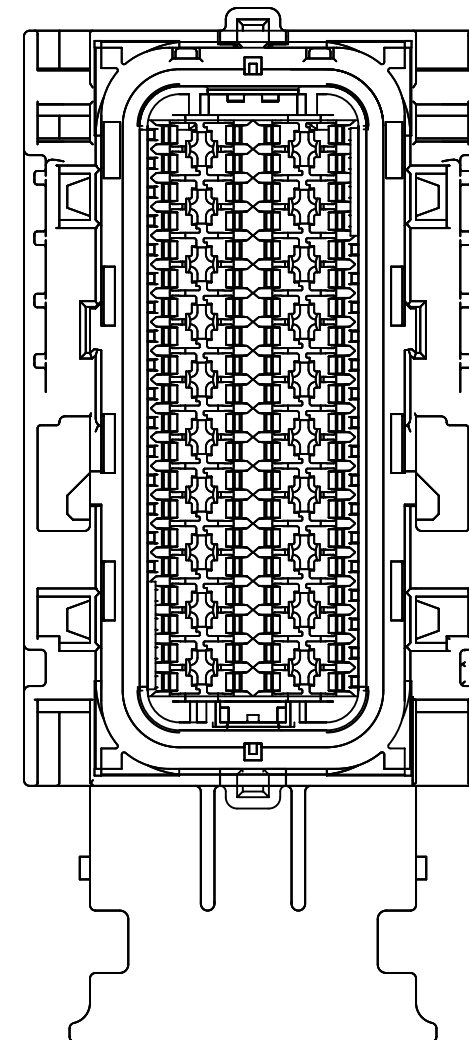
WIRE DRESS OPTION 9



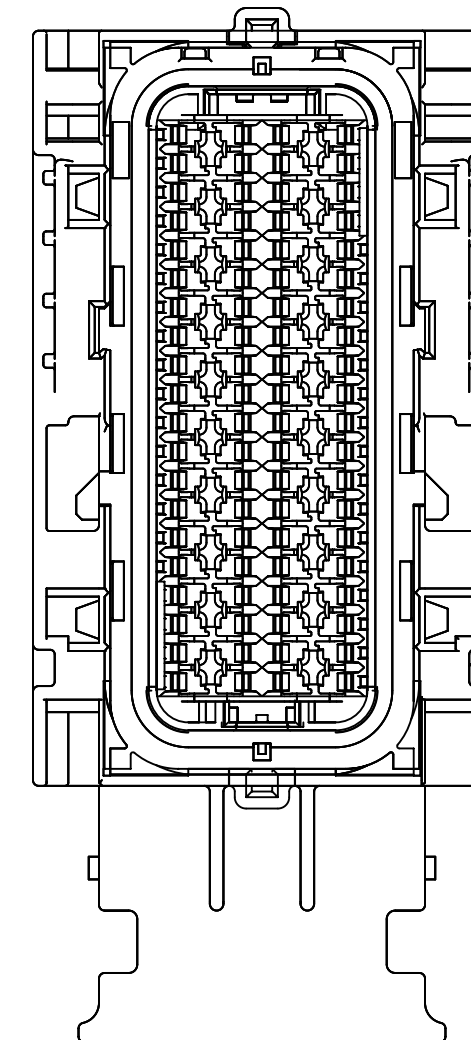
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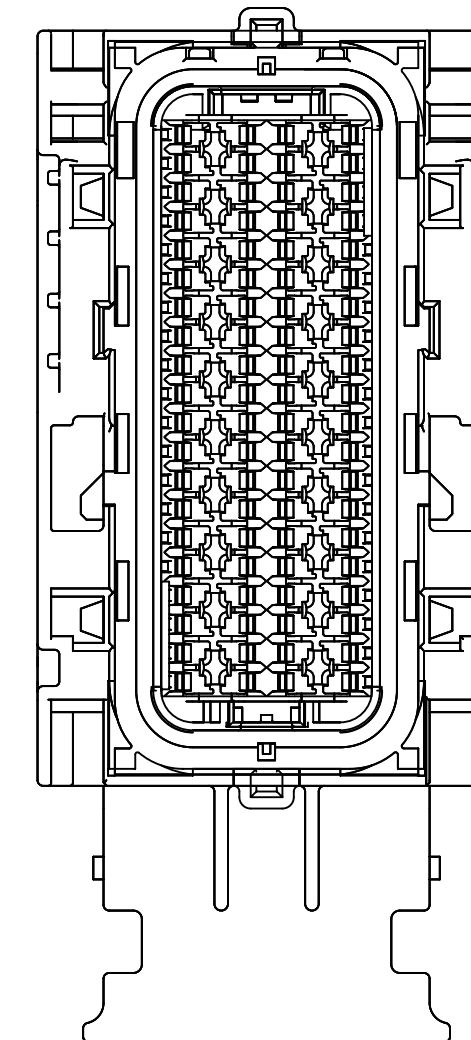
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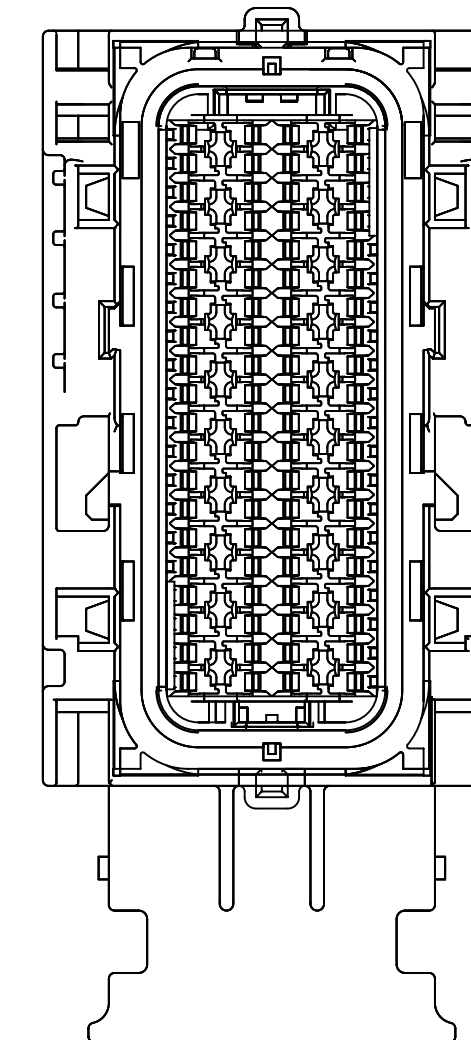
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KEY K



KEY L



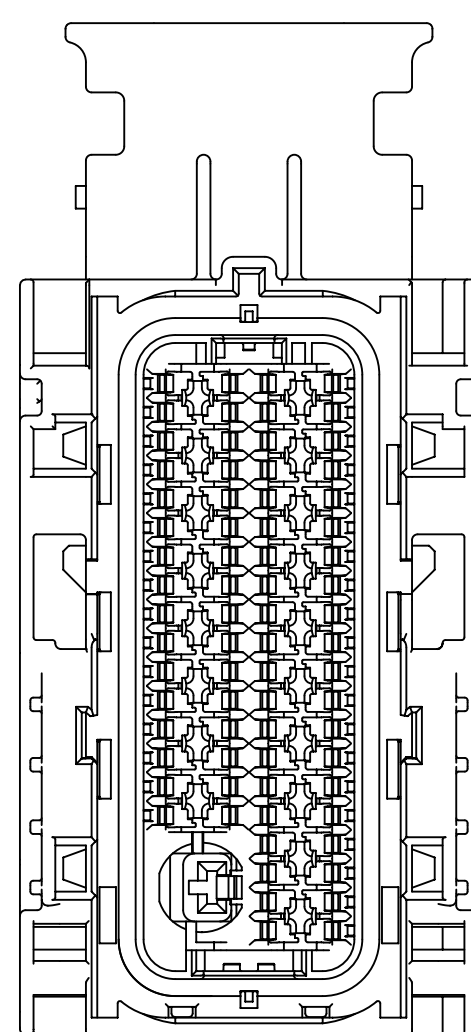
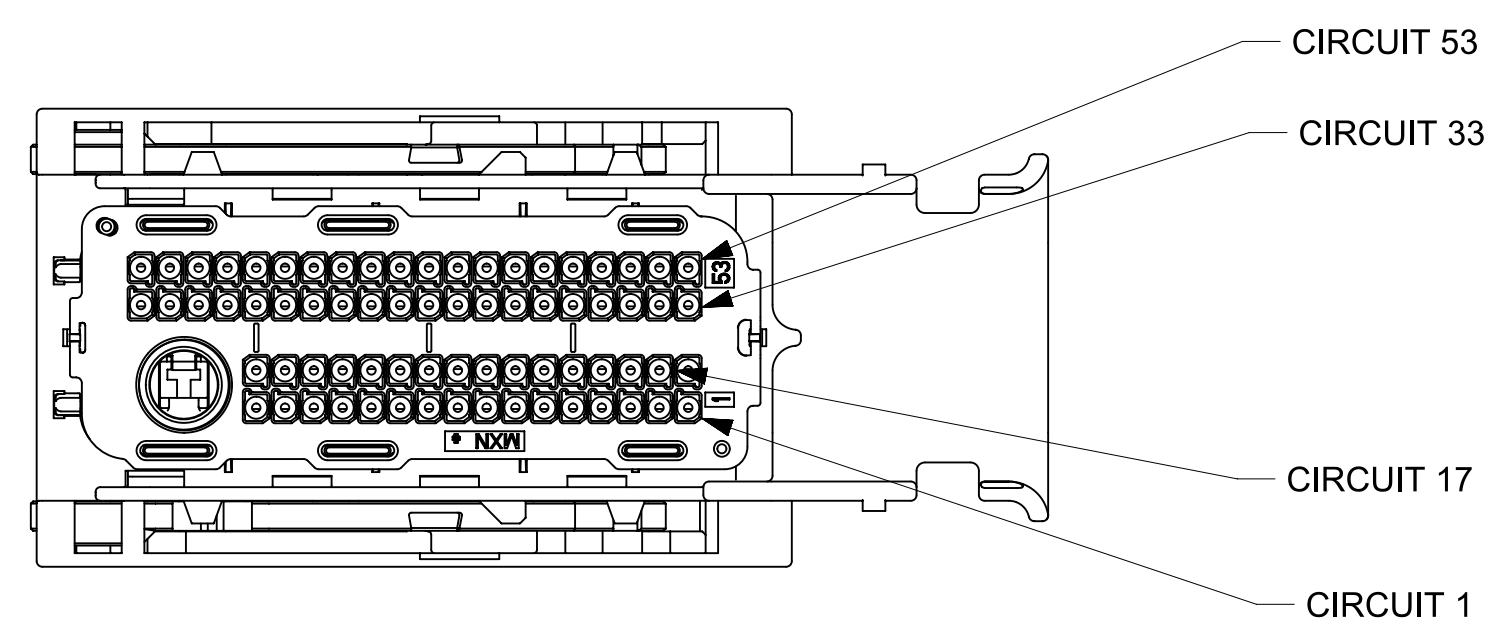
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE	
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	ANGULAR TOL $\pm 0.5^\circ$			
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	2 PLACES	$\pm$	DRWN: Kevin Kang 2022-04-28	
	1 PLACE	$\pm$	CHK'D: Anil Kumar M S 2022-06-28	
	0 PLACES	$\pm$	APPR: Brad Dick 2022-07-12	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			D-SIZE	34566
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		DOC TYPE	DOC PART	REVISION
		PSD	000	G65
		SHEET NUMBER		
		3 OF 11		

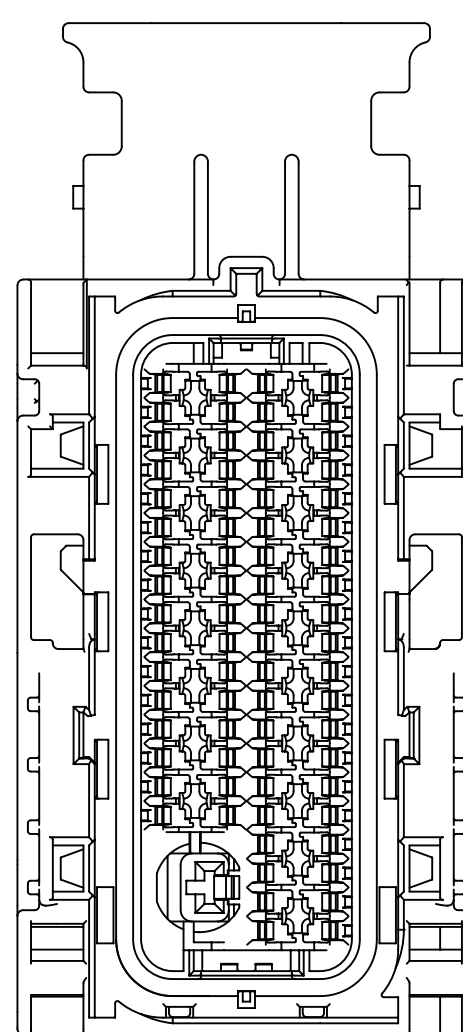
73 CKT

WIRE DRESS OPTION 0

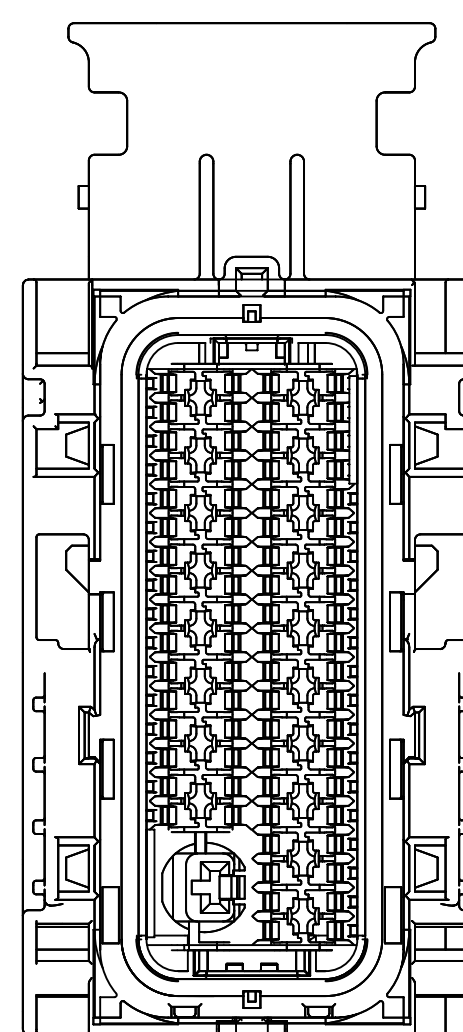
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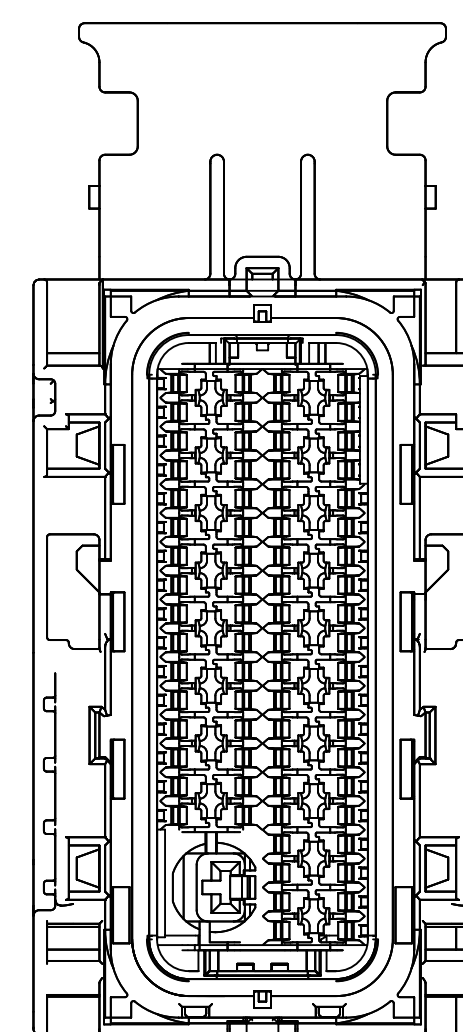
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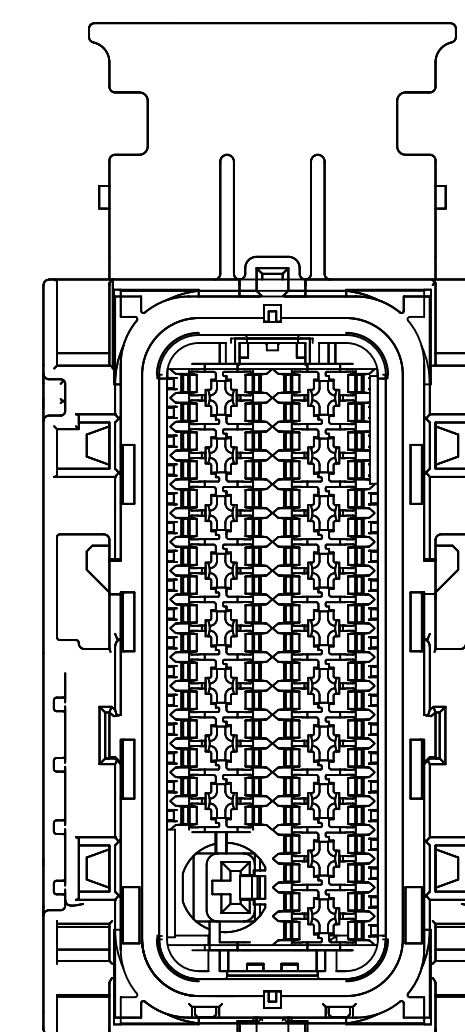
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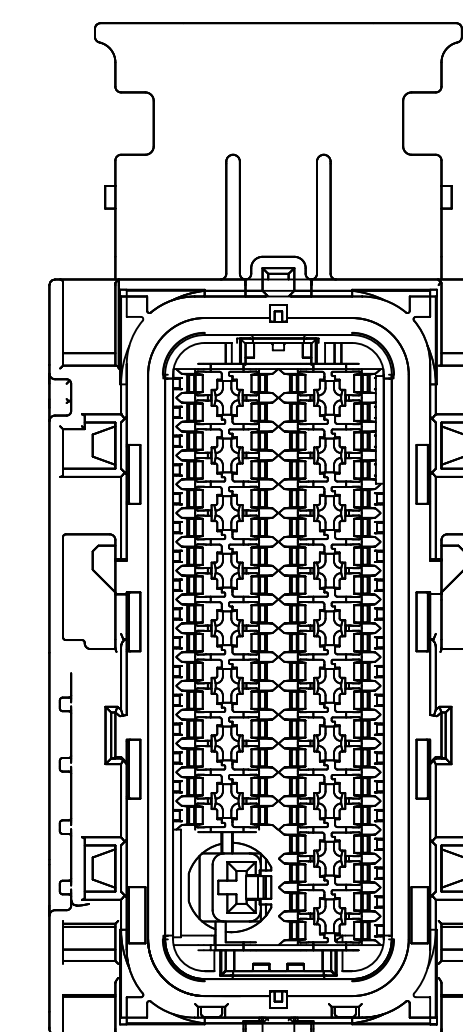
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KEY D

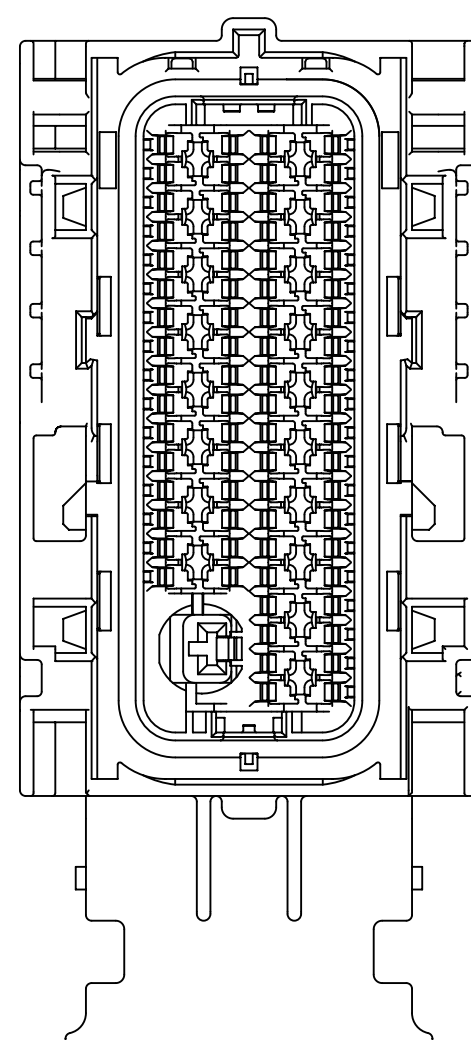
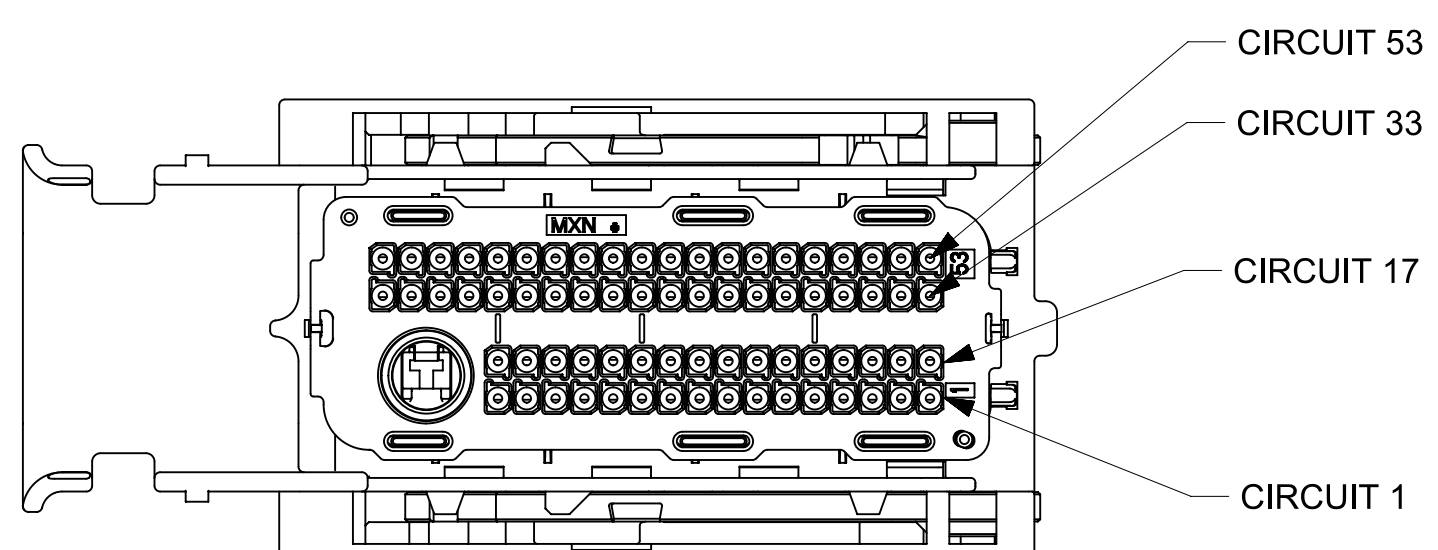


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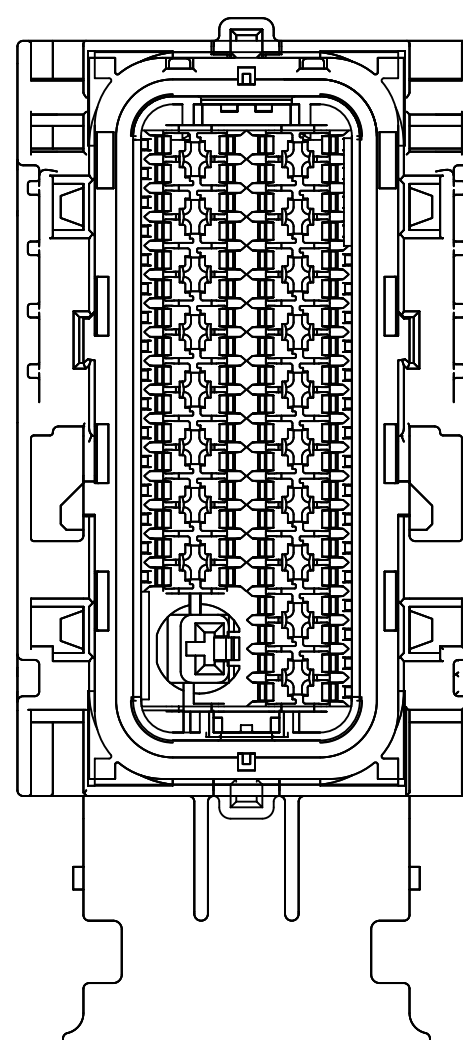


KEY F

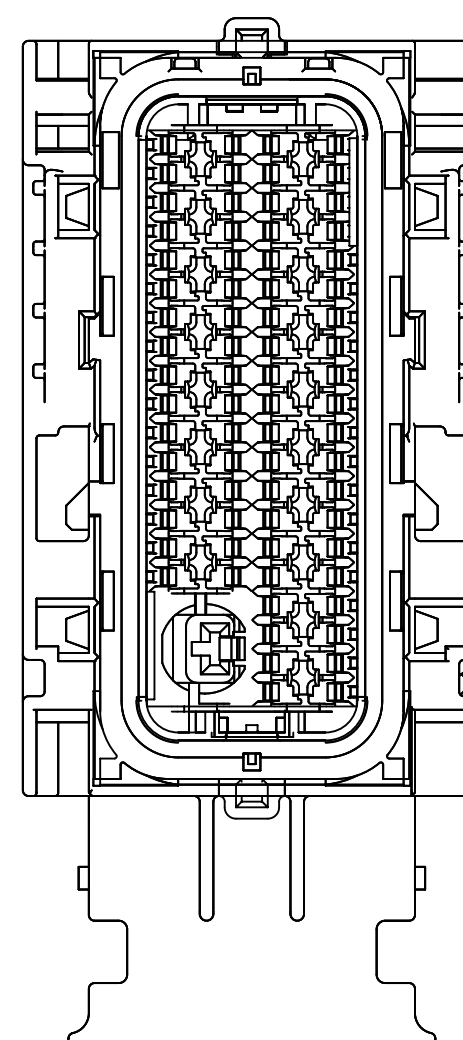
WIRE DRESS OPTION 9



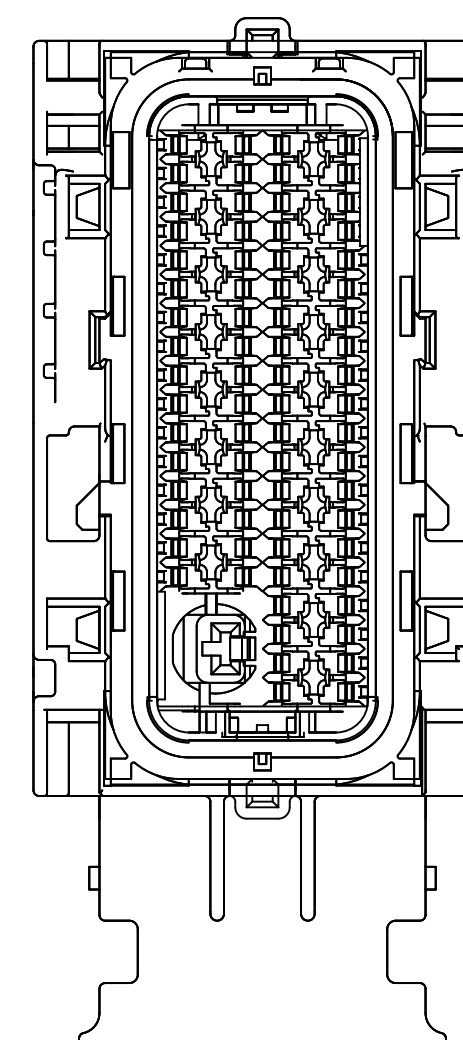
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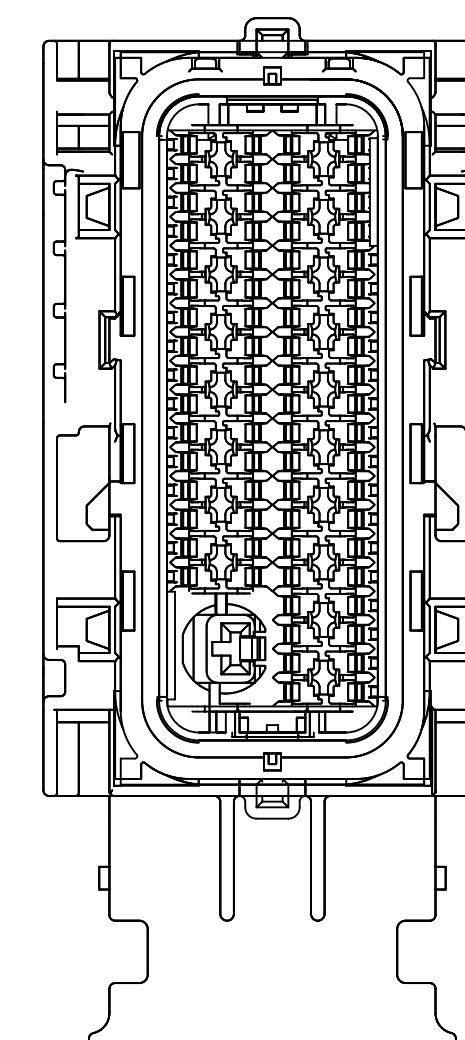
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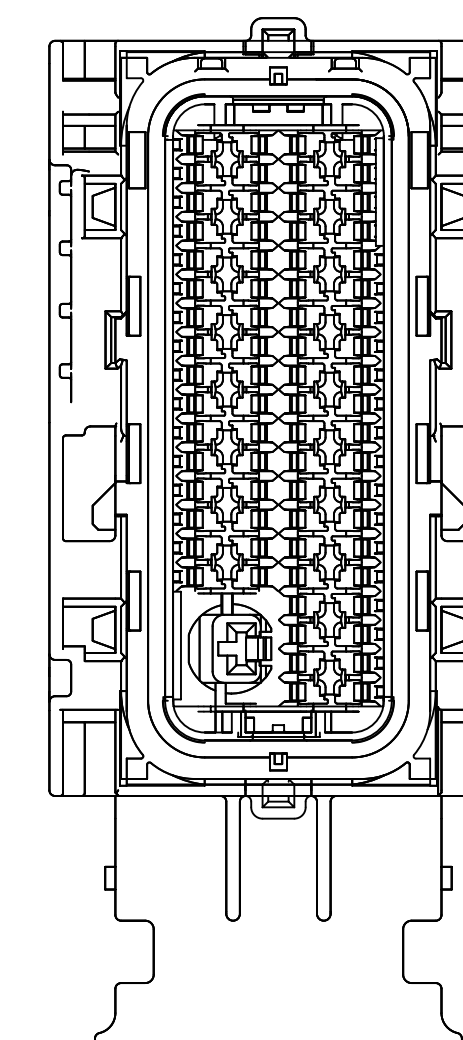
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KEY D



KEY E

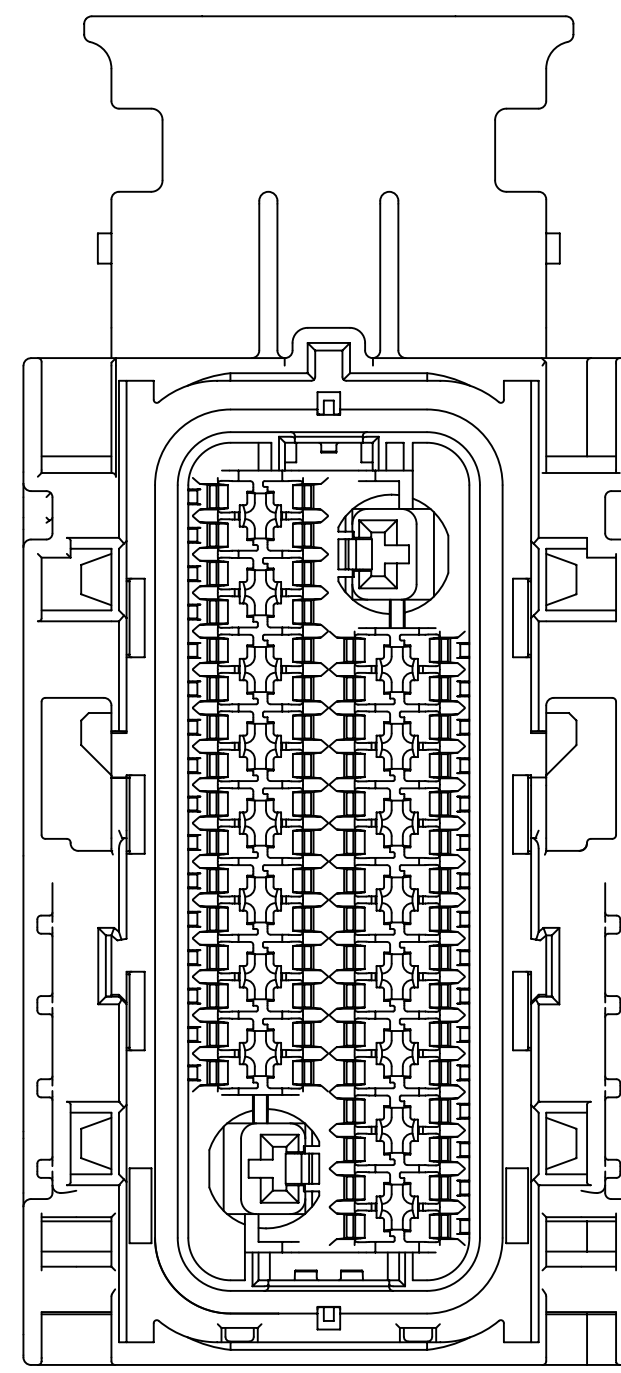
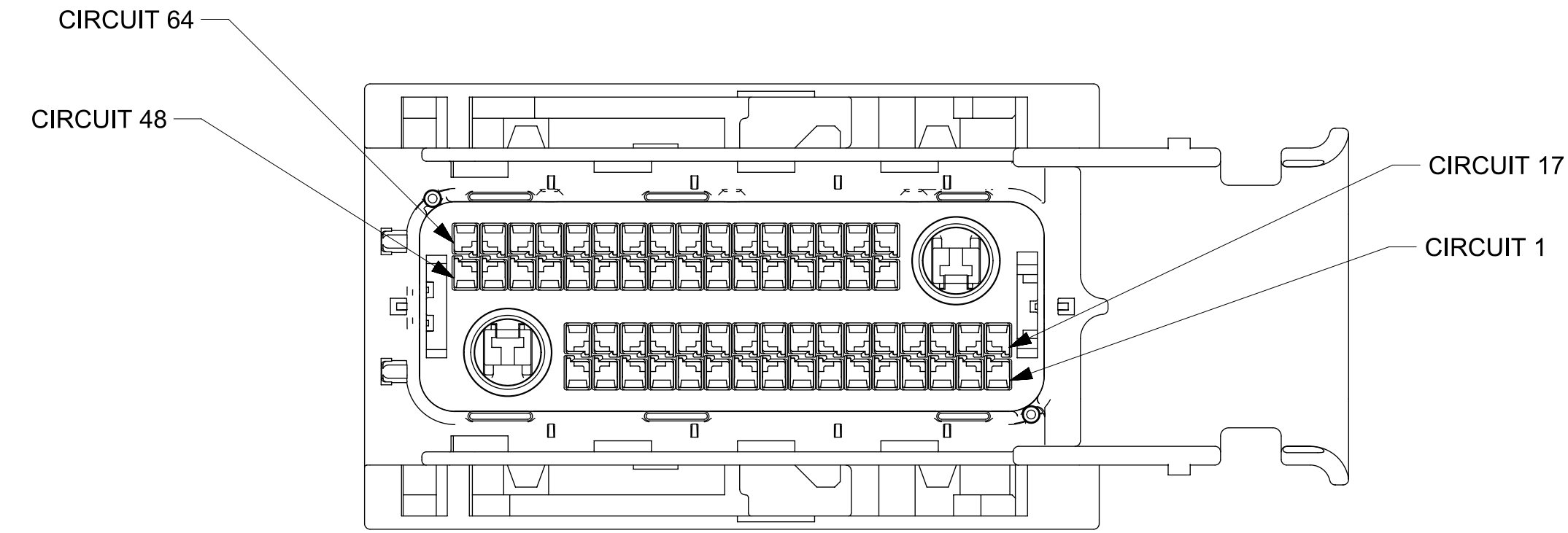


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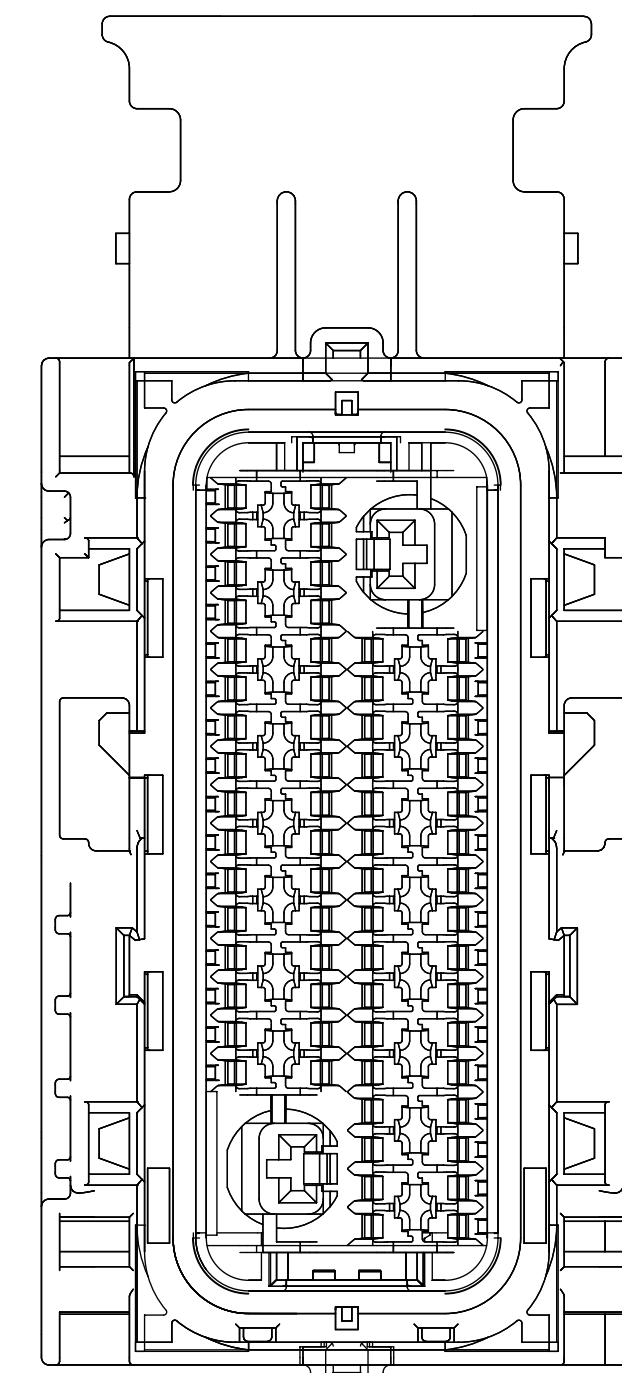
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	DIMENSION UNITS <b>mm</b>	SCALE <b>3:2</b>	PHASE: Design Production CO NO: CO-00000304 DRWN: Kevin Kang 2022-04-28 CHK'D: Anil Kumar M S 2022-06-28 APPR: Brad Dick 2022-07-12		
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 0.5^\circ$					
DIVISIONAL SYMBOLS	4 PLACES	$\pm$	INITIAL REVISION:		
	3 PLACES	$\pm$	DRWN: RFC_PLMIMP		
	2 PLACES	$\pm$	APPR:		
	1 PLACE	$\pm$	THIRD ANGLE PROJECTION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING <b>D-SIZE</b>	SERIES <b>34566</b>	MATERIAL NUMBER <b>SD-34566-001</b>	
		CUSTOMER <b>GENERAL MARKET</b>	SHEET NUMBER <b>4 OF 11</b>	DOC TYPE <b>PSD</b>	
		DOC PART <b>000</b>	REVISION <b>G65</b>	PRODUCT SALES DRAWING	
		MOLEX		MX123 66/73/80CKT HRNS CONN ASSY	

HOUSING ONLY, SHOWN FOR CLARITY

66 CKT  
WIRE DRESS OPTION 0

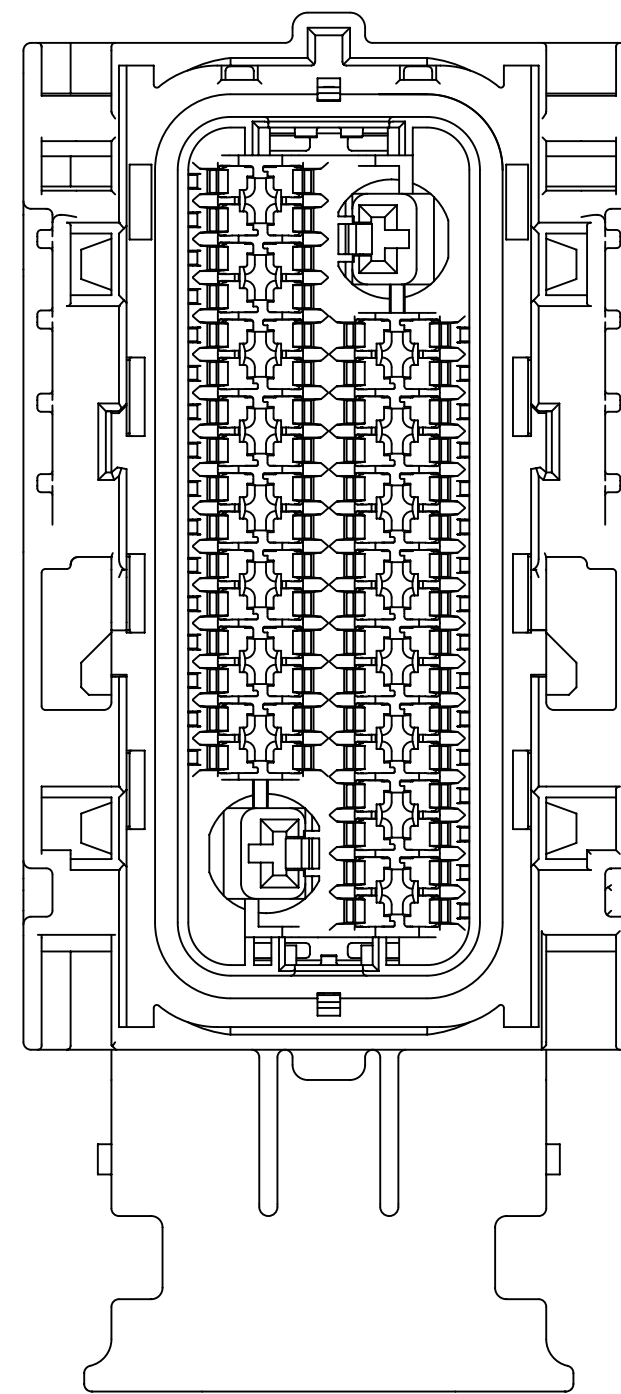
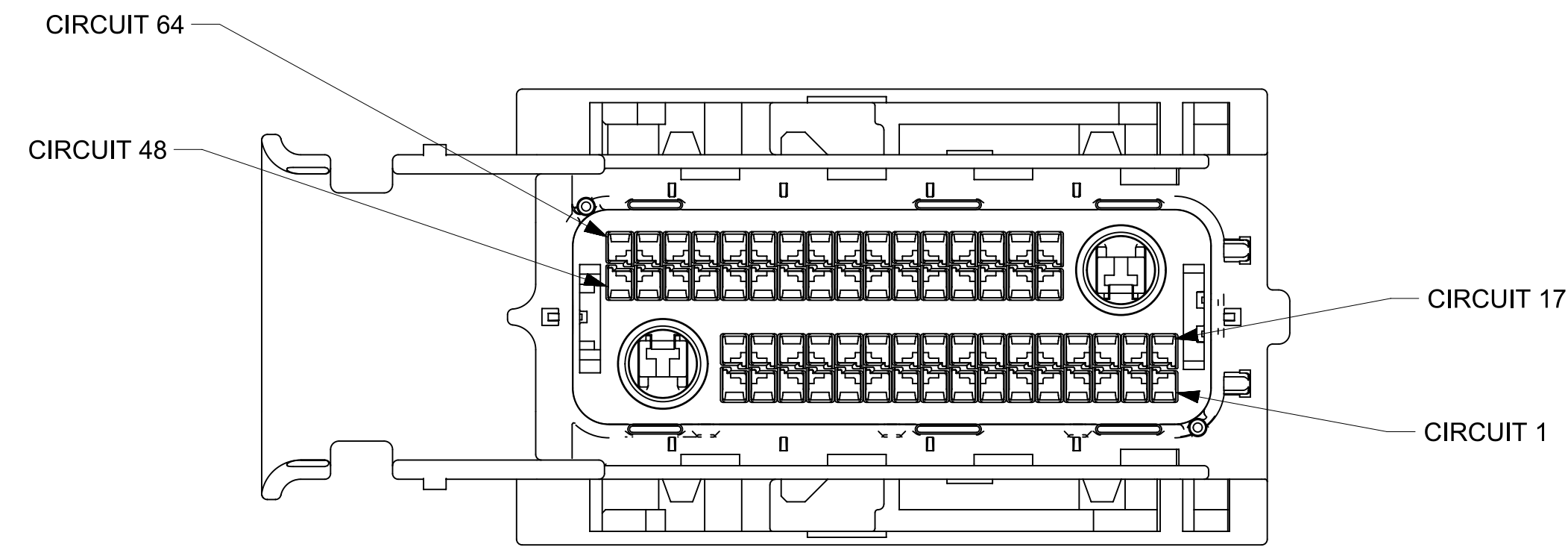


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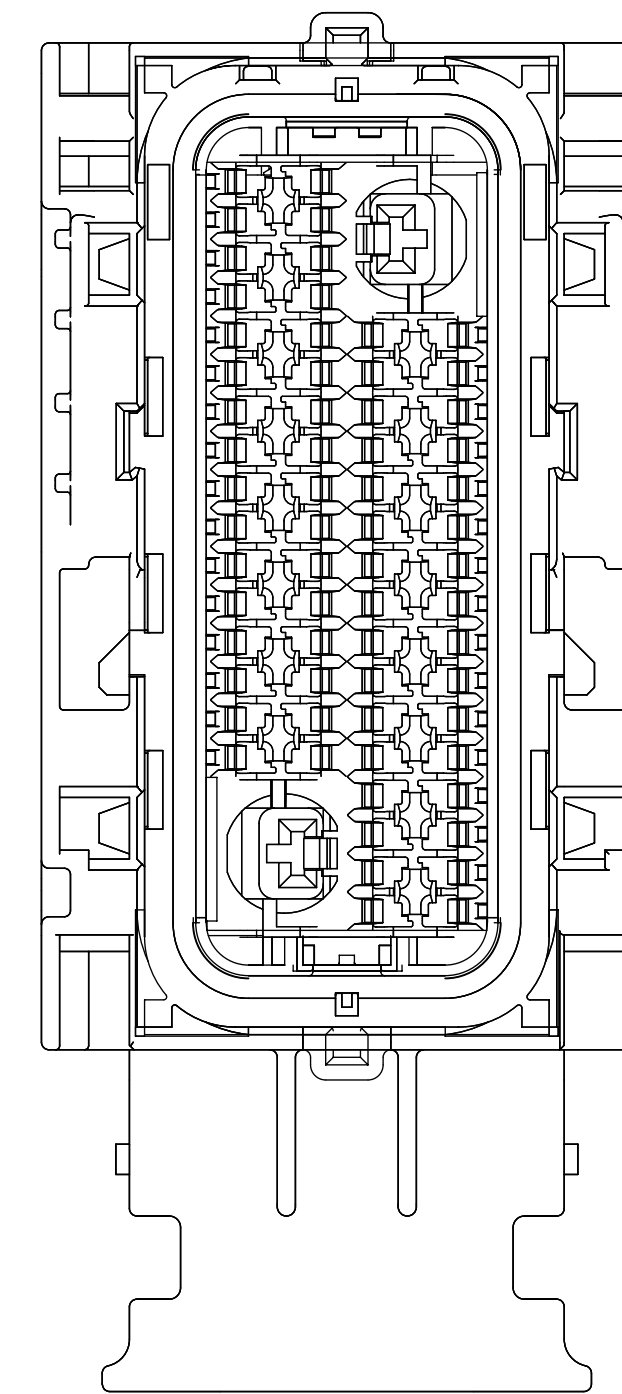


KEY C

WIRE DRESS OPTION 9



KEY A

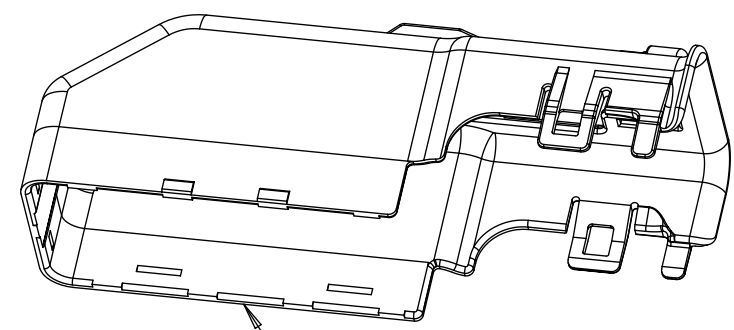


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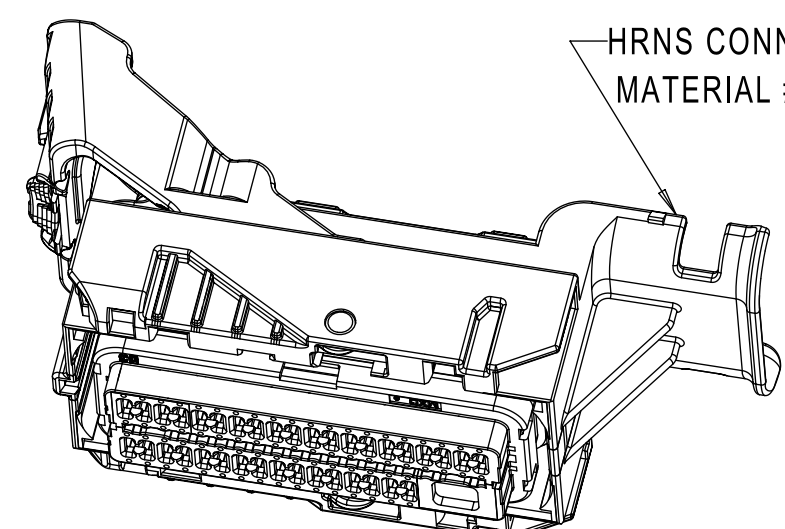
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	DIMENSION UNITS: <b>mm</b>	SCALE: <b>2:1</b>	PHASE: Design Production CO NO: CO-00000304 DRWN: Kevin Kang 2022-04-28 CHK'D: Anil Kumar M S 2022-06-28 APPR: Brad Dick 2022-07-12	
GENERAL TOLERANCES (UNLESS SPECIFIED)		INITIAL REVISION:		
ANGULAR TOL ± 0.5°		DRWN: RFC_PLMIMP APPR:		
4 PLACES ±		MATERIAL NUMBER: <b>SD-34566-001</b>		DOC TYPE: <b>PSD</b> DOC PART: <b>000</b> REVISION: <b>G65</b>
3 PLACES ±		CUSTOMER: <b>GENERAL MARKET</b>		
2 PLACES ±		SHEET NUMBER: <b>5 OF 11</b>		
1 PLACE ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
0 PLACES ±		THIRD ANGLE PROJECTION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING: <b>D-SIZE</b>	SERIES: <b>34566</b>	

# AWG WIRE HRNS ASSY TABLE- TYPE 1

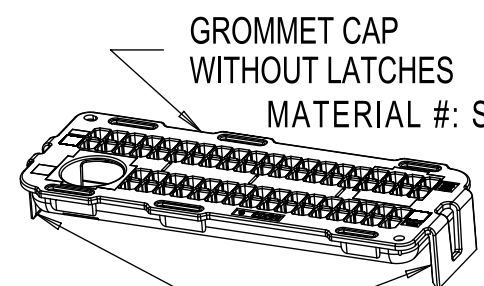
## HRNS ASSY COMPONENT LIST



DRESS COVER  
MATERIAL #: SEE HRNS ASSY TABLE



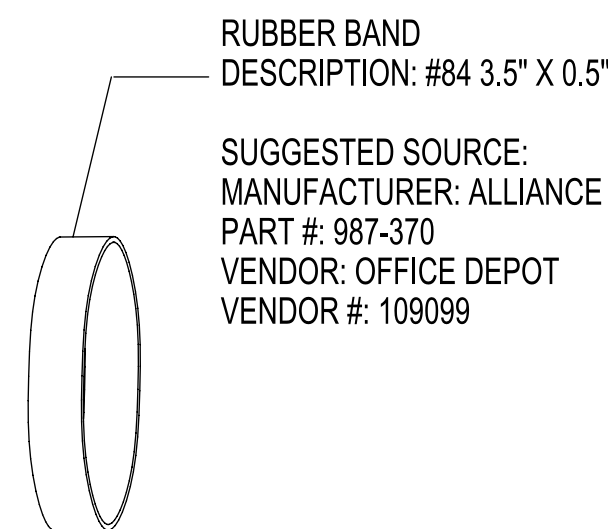
HRNS CONN. ASSY  
MATERIAL #: SEE HRNS ASSY TABLE



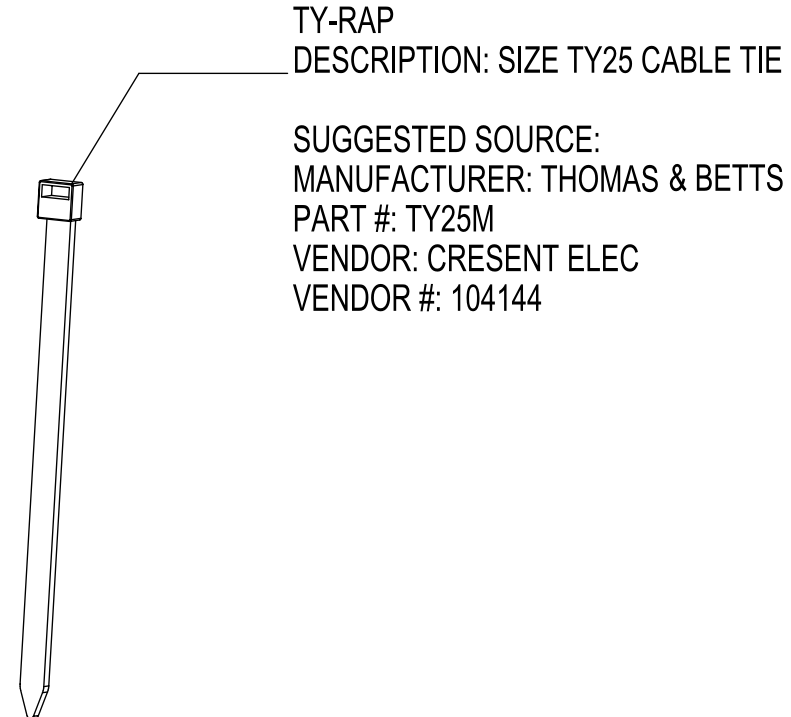
GROMMET CAP WITHOUT LATCHES  
MATERIAL #: SEE HRNS ASSY TABLE



LATCHES  
NEED TO BE BROKEN OFF



RUBBER BAND  
DESCRIPTION: #84 3.5" X 0.5"  
SUGGESTED SOURCE:  
MANUFACTURER: ALLIANCE  
PART #: 987-370  
VENDOR: OFFICE DEPOT  
VENDOR #: 109099



TY-RAP  
DESCRIPTION: SIZE TY25 CABLE TIE  
SUGGESTED SOURCE:  
MANUFACTURER: THOMAS & BETTS  
PART #: TY25M  
VENDOR: CRESENT ELEC  
VENDOR #: 104144

### PRODUCTION PART # FOR HARNESS ASSEMBLY (WITH WIRES) : XXXXX-KKWP

XXXXX- SERIES NUMBER			
SERIES #	CKT SIZE	WIRE TYPE	WIRE DRESS
34070	73/80/66	TXL	PGTL
34330	73/80/66	TXL	LPD
34333	73/80/66	PTFE	PGTL

KK- HARNESS CONNECTOR KEY	
#	73/80 KEY
99	A
98	B
97	C
96	D
95	E
94	F
93	G
92	H
91	J
90	K
89	L
88	M
#	66 KEY
87	A
86	B
85	C

W- MX64 CRIMPED LEAD WIRE LENGTH (m)

P- MX64 RECPT. TERMINAL PLATING

3 - Au  
4 - Ag

NOTES: UNLESS OTHERWISE SPECIFIED APPLIES TO  
"HRNS ASSY" ONLY

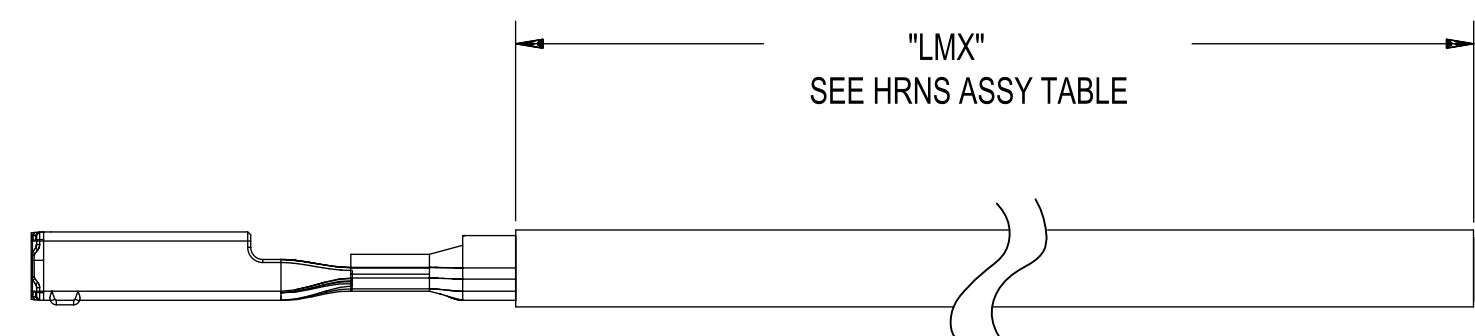
1. REFER TO: PACKAGING DRAWING # PK-31300-078  
2. FOR HRNS ASSY WITH WIRE ASSY SEE NEXT PAGE

TESTED	HRNS ASSY					HRNS CONN ASSY MATERIAL #	DRESS COVER MATERIAL #	GROMMET CAP MATERIAL #	MX64 WIRE ASSY PER E-33468-001							2.8mm YESC SEALED FEMALE TERMINAL TIN					TY-RAP QTY	RUBBER BAND QTY	
	MATERIAL #	CIRCUIT ID	KEY OPTION	WIRE DRESS OPTION	STATUS				MATERIAL #	MATERIAL #	MATERIAL #	RCPT PLATING	SAE WIRE SIZE #	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	MATERIAL #	SAE WIRE SIZE #	WIRE TYPE			PIGTAIL OR LOOPED
NO	34070-9234	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670203	Ag	18	TXL	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	6	0	
NO	34070-9934	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9834	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
(H30) NO	34330-9214	80	H	0	OBSOLETE	34566-0803	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	40	N/A	N/A	N/A	N/A	N/A	3	1	
(H30) NO	34330-9914	73	A	0	OBSOLETE	34566-0103	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
(H30) NO	34330-9814	73	B	0	OBSOLETE	34566-0203	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
NO	34333-9214	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670205	Ag	18	PTFE	PGTL	1	40	N/A	N/A	N/A	N/A	N/A	3	0	
NO	34333-9914	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670205	Ag	18	PTFE	PGTL	1	72	N/A	14	PTFE	PGTL	1	1	3	0
NO	34333-9814	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670205	Ag	18	PTFE	PGTL	1	72	N/A	14	PTFE	PGTL	1	1	3	0
NO	34333-9234	80	H	0	OBSOLETE	34566-0803	34565-0003	34570-0301	334670206	Ag	18	PTFE	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	6	0	
NO	34333-9934	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670206	Ag	18	PTFE	PGTL	3	72	343670006	14	PTFE	PGTL	3	1	6	0
NO	34333-9834	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670206	Ag	18	PTFE	PGTL	3	72	343670006	14	PTFE	PGTL	3	1	6	0
NO	34070-8734	66	A	0	OBSOLETE	34822-0013	34565-0003	34822-5011	334670203	Ag	18	TXL	PGTL	3	64	343670005	14	TXL	PGTL	3	2	3	0
NO	34070-8754	66	A	0	OBSOLETE	34822-0013	34565-0003	34822-5011	334670203	Ag	18	TXL	PGTL	5	64	343670007	14	TXL	PGTL	5	2	10	0
NO	34070-9434	73	F	0	OBSOLETE	34070-0603	34565-0003	34571-0101	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9434	73	F	9	OBSOLETE	34070-1803	34565-0003	34571-0501	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-8534	66	C	0	OBSOLETE	34822-0033	34565-0003	34571-5011	334670203	Ag	18	TXL	PGTL	3	64	343670005	14	TXL	PGTL	3	2	3	0
NO	34070-8704	66	A	0	OBSOLETE	34822-0013	34822-0033	34822-5031	N/A	N/A	N/A	N/A	N/A	N/A	343670005	14	TXL	PGTL	3	2	N/A	N/A	
NO	34070-8504	66	C	0	OBSOLETE	34822-0033	34822-0033	34822-5031	N/A	N/A	N/A	N/A	N/A	N/A	343670005	14	TXL	PGTL	3	2	N/A	N/A	
NO	34330-8734	66	A	0	OBSOLETE	34822-0013 (QTY2)	34565-0003	N/A	334670208	Ag	18	TXL	LPD	3	64	343670008	14	TXL	LPD	3	2	3	N/A

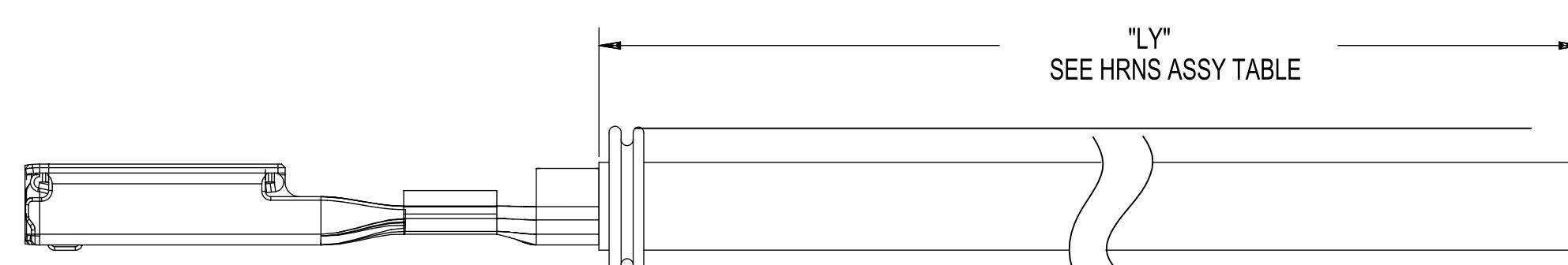
## HRNS ASSY



MX64 WIRE ASSY LOOPED  
MATERIAL #: SEE HRNS ASSY TABLE



MX64 WIRE ASSY PIGTAIL  
MATERIAL #: SEE HRNS ASSY TABLE



2.8mm YESC SEALED FEMALE PIGTAIL ASSY  
MATERIAL #: SEE HRNS ASSY TABLE

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS: mm	SCALE: 1:5	CURRENT REV DESC: SEE REVISION TABLE	
	GENERAL TOLERANCES (UNLESS SPECIFIED)	PHASE: Design Production			
	ANGULAR TOL ± 0.5°	CO NO: CO-00000304			
	4 PLACES ±	DRWN: Kevin Kang		2022-04-28	
3 PLACES ±	CHK'D: Anil Kumar M S		2022-06-28		
2 PLACES ±	APPR: Brad Dick		2022-07-12		
1 PLACE ±	INITIAL REVISION:		PRODUCT SALES DRAWING		
0 PLACES ±	DRWN: RFC_PLMIMP		DOCUMENT NUMBER		
	APPR:		DOC TYPE		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		REVISON
	DRAWING: D-SIZE		SERIES: 34566		DOC PART
	MATERIAL NUMBER		CUSTOMER: GENERAL MARKET		REVISION
	SHEET NUMBER		6 OF 11		

**molex**

MX123  
66/73/80CKT HRNS CONN ASSY

SD-34566-001

PSD 000 G65

GENERAL MARKET

6 OF 11

## AWG WIRE HRNS ASSY TABLE- TYPE 1

TESTED	HRNS ASSY					HRNS CONN ASSY MATERIAL #	DRESS COVER MATERIAL #	GROMMET CAP MATERIAL #	MX64 WIRE ASSY PER E-33468-001							2.8mm YESC SEALED FEMALE TERMINAL TIN						TY-RAP QTY	RUBBER BAND QTY
	MATERIAL #	CIRCUIT ID	KEY OPTION	WIRE DRESS OPTION	STATUS				MATERIAL #	MATERIAL #	RCPT PLATING	SAE WIRE SIZE #	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	MATERIAL #	SAE WIRE SIZE #	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%		
NO	34070-9933	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670103	Au	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9833	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670103	Au	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9913	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670102	Au	18	TXL	PGTL	1	72	343670005	14	TXL	PGTL	3	1	3	0
NO	34070-9813	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670102	Au	18	TXL	PGTL	1	72	343670005	14	TXL	PGTL	3	1	3	0
NO	34333-9913	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670105	Au	18	PTFE	PGTL	1	72	N/A	14	PTFE	PGTL	1	1	3	0
NO	34333-9813	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670105	Au	18	PTFE	PGTL	1	72	N/A	14	PTFE	PGTL	1	1	3	0
NO	34333-9933	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670106	Au	18	PTFE	PGTL	3	72	343670006	14	PTFE	PGTL	3	1	6	0
NO	34333-9833	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670106	Au	18	PTFE	PGTL	3	72	343670006	14	PTFE	PGTL	3	1	6	0
NO	34070-9233	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670103	Au	18	TXL	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	34070-9213	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670102	Au	18	TXL	PGTL	1	80	N/A	N/A	N/A	N/A	N/A	N/A	3	0
NO	34333-9213	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670105	Au	18	PTFE	PGTL	1	80	N/A	N/A	N/A	N/A	N/A	N/A	3	0
NO	34333-9233	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670106	Au	18	PTFE	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
YES	34330-9913	73	A	0	OBSOLETE	34566-0103	34565-0003	N/A	334670104	Au	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
YES	34330-9813	73	B	0	OBSOLETE	34566-0203	34565-0003	N/A	334670104	Au	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
YES	34330-9213	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670104	Au	18	TXL	LPD	1	40	N/A	N/A	N/A	N/A	N/A	N/A	3	1
NO	34070-9733	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670103	Au	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9713	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670102	Au	18	TXL	PGTL	1	72	343670005	14	TXL	PGTL	3	1	3	0
NO	34330-9713	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670104	Au	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
NO	34333-9713	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670105	Au	18	PTFE	PGTL	1	72	N/A	14	PTFE	PGTL	1	1	3	0
NO	34333-9733	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670106	Au	18	PTFE	PGTL	3	72	343670006	14	PTFE	PGTL	3	1	6	0
NO	34070-9333	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670103	Au	18	TXL	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	34070-9313	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670102	Au	18	TXL	PGTL	1	80	N/A	N/A	N/A	N/A	N/A	N/A	3	0
NO	34330-9313	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670104	Au	18	TXL	LPD	1	40	N/A	N/A	N/A	N/A	N/A	N/A	3	1
NO	34333-9313	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670105	Au	18	PTFE	PGTL	1	80	N/A	N/A	N/A	N/A	N/A	N/A	3	0
NO	34333-9333	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670106	Au	18	PTFE	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	34070-9934	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9834	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9914	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	334670202	Ag	18	TXL	PGTL	1	72	343670005	14	TXL	PGTL	3	1	3	0
NO	34070-9814	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	334670202	Ag	18	TXL	PGTL	1	72	343670005	14	TXL	PGTL	3	1	3	0
NO	34070-9234	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670203	Ag	18	TXL	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	34070-9214	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670202	Ag	18	TXL	PGTL	1	80	N/A	N/A	N/A	N/A	N/A	N/A	3	0
YES	34330-9914	73	A	0	OBSOLETE	34566-0103	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
YES	34330-9814	73	B	0	OBSOLETE	34566-0203	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
YES	34330-9214	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	334670204	Ag	18	TXL	LPD	1	40	N/A	N/A	N/A	N/A	N/A	N/A	3	1
NO	34070-9734	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670203	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34070-9714	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670202	Ag	18	TXL	PGTL	1	72	343670005	14	TXL	PGTL	3	1	3	0
NO	34330-9714	73	C	0	OBSOLETE	34566-0303	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	36	343670005	14	TXL	LPD	3	1	3	1
NO	34070-9334	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670203	Ag	18	TXL	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	34070-9314	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	334670202	Ag	18	TXL	PGTL	1	80	N/A	N/A	N/A	N/A	N/A	N/A	3	0
NO	34330-9314	80	G	0	OBSOLETE	34566-0703	34565-0003	N/A	334670204	Ag	18	TXL	LPD	1	40	N/A	N/A	N/A	N/A	N/A	N/A	3	1
NO	34070-9414	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	334670204	Ag	18	TXL	PGTL	1	72	343670001	14	TXL	PGTL	1	1	3	0
NO	34070-9434	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	334670204	Ag	18	TXL	PGTL	3	72	343670005	14	TXL	PGTL	3	1	6	0
NO	34333-9734	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	334670206	Ag	18	PTFE	PGTL	3	72	343670006	14	PTFE	PGTL	3	1	6	0

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE	CURRENT REV DESC: SEE REVISION TABLE
$F_A = 0$	DIMENSION UNITS	mm	1:1
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$F_P = 0$	ANGULAR TOL	± 0.5°	
DIVISIONAL SYMBOLS	4 PLACES	±	
	3 PLACES	±	
	2 PLACES	±	
	1 PLACE	±	
	0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
			D-SIZE 34566
		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
		SD-34566-001 PSD 000 G65	
		GENERAL MARKET 7 OF 11	



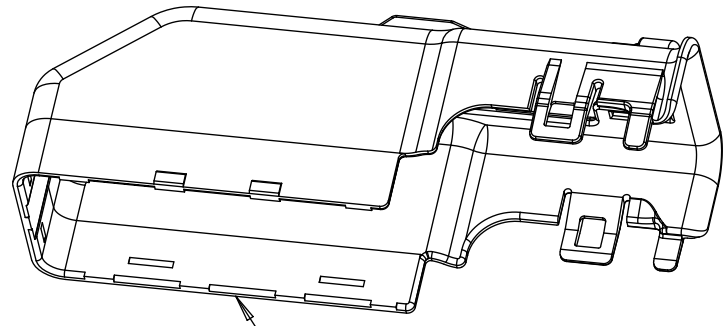
MX123  
66/73/80CKT HRNS CONN ASSY

PRODUCT SALES DRAWING

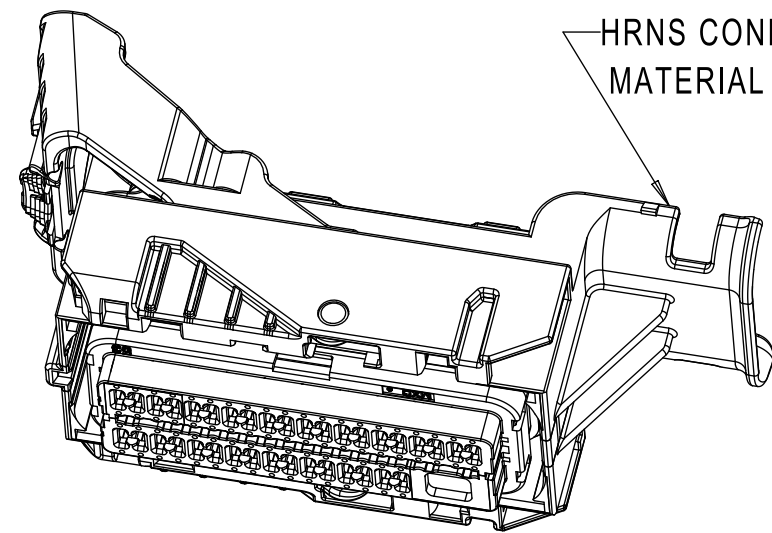
# ISO WIRE HRNS ASSY TABLE- TYPE 1

TESTED	HRNS ASSY					HRNS CONN ASSY MATERIAL #	DRESS COVER MATERIAL #	GROMMET CAP MATERIAL #	MX64 WIRE ASSY PER E-33468-001							2.8mm YESC SEALED FEMALE TERMINAL TIN					TY-RAP QTY	RUBBER BAND QTY	
	MATERIAL #	CIRCUIT ID	KEY OPTION	WIRE DRESS OPTION	STATUS				MATERIAL #	MATERIAL #	MATERIAL #	RCPT PLATING	WIRE SIZE mm <sup>2</sup>	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	MATERIAL #	WIRE SIZE # mm <sup>2</sup>	WIRE TYPE			PIGTAIL OR LOOPED
NO	2047789931	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789831	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789731	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789431	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789932	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789832	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789732	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789432	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789933	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789833	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789733	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789433	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047799911	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799811	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799711	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799411	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799912	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799812	73	B	0	OBSOLETE	34566-0203	34565-0033	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799712	73	C	0	OBSOLETE	34566-0303	34565-0033	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799412	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799913	73	A	0	OBSOLETE	34566-0103	34565-0003	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799813	73	B	0	OBSOLETE	34566-0203	34565-0003	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799713	73	C	0	OBSOLETE	34566-0303	34565-0003	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799413	73	F	0	OBSOLETE	34566-0603	34565-0003	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047789333	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	2047789233	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0

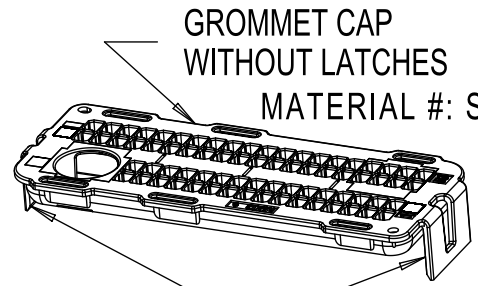
## HRNS ASSY COMPONENT LIST



DRESS COVER  
MATERIAL #: SEE HRNS ASSY TABLE



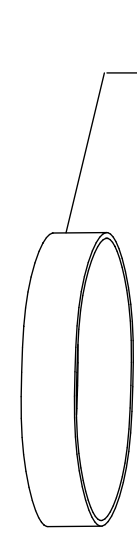
HRNS CONN. ASSY  
MATERIAL #: SEE HRNS ASSY TABLE



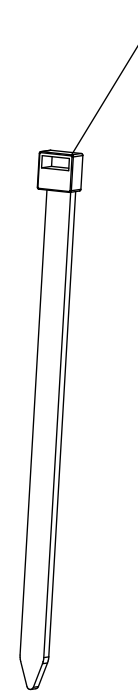
GROMMET CAP WITHOUT LATCHES  
MATERIAL #: SEE HRNS ASSY TABLE



LATCHES  
NEED TO BE BROKEN OFF



RUBBER BAND  
DESCRIPTION: #84 3.5" X 0.5"  
SUGGESTED SOURCE:  
MANUFACTURER: ALLIANCE  
PART #: 987-370  
VENDOR: OFFICE DEPOT  
VENDOR #: 109099



TY-RAP  
DESCRIPTION: SIZE TY25 CABLE TIE  
SUGGESTED SOURCE:  
MANUFACTURER: THOMAS & BETTS  
PART #: TY25M  
VENDOR: CRESENT ELEC  
VENDOR #: 104144

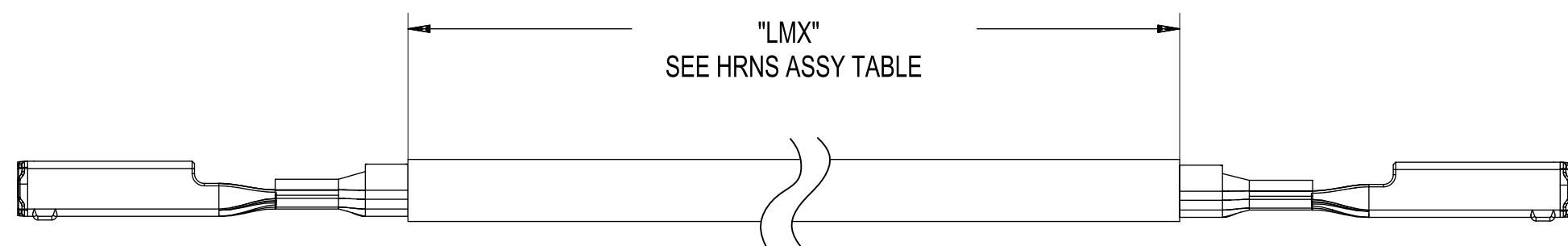
### PRODUCTION PART # FOR HARNESS ASSEMBLY (WITH WIRES) : XXXXX-KKLW

XXXXXX- SERIES NUMBER			
SERIES #	CKT SIZE	WIRE TYPE	WIRE DRESS
204778	80/73/66	ISO*	PGTL
204779	80/73/66	ISO*	LPD

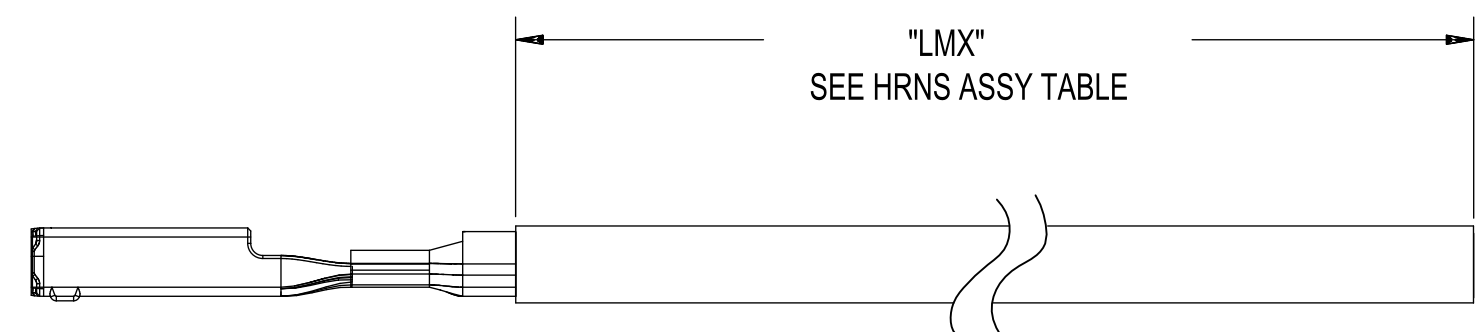
KK- HARNESS CONNECTOR KEY	
#	73/80 KEY
99	A
98	B
97	C
96	D
95	E
94	F
93	G
92	H
91	J
90	K
89	L
88	M
#	66 KEY
87	A
86	B
85	C

L - MX64 CRIMPED LEAD WIRE LENGTH (m)  
W - MX64 CRIMPED LEAD WIRE WIDTH (mm<sup>2</sup>)  
1 - 0.35  
2 - 0.50  
3 - 0.75

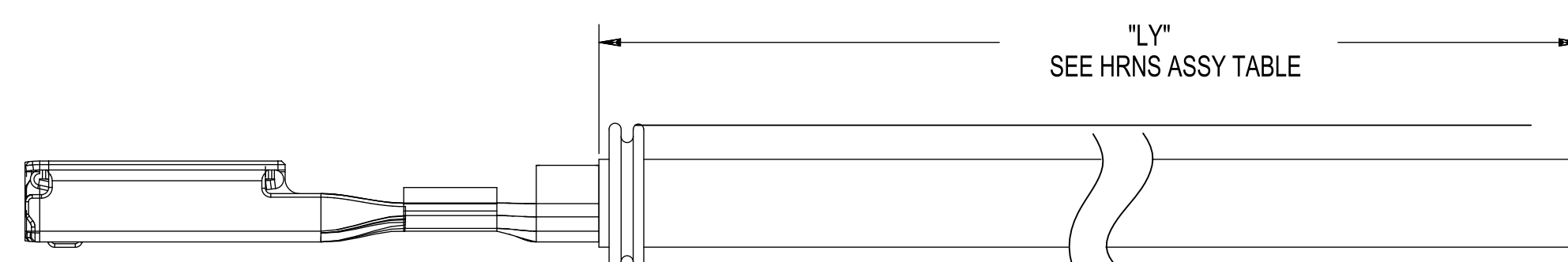
## HRNS ASSY



MX64 WIRE ASSY LOOPED  
MATERIAL #: SEE HRNS ASSY TABLE



MX64 WIRE ASSY PIGTAIL  
MATERIAL #: SEE HRNS ASSY TABLE



2.8mm YESC SEALED FEMALE PIGTAIL ASSY  
MATERIAL #: SEE HRNS ASSY TABLE

NOTES: UNLESS OTHERWISE SPECIFIED APPLIES TO  
"HRNS ASSY" ONLY  
1. REFER TO: PACKAGING DRAWING # PK-31300-078  
2. FOR HRNS ASSY WITH WIRE ASSY SEE NEXT PAGE

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS: mm	SCALE: 1:5	CURRENT REV DESC: SEE REVISION TABLE
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5°		PHASE: Design Production	
DIVISIONAL SYMBOLS	4 PLACES ±		CO NO: CO-00000304	
	3 PLACES ±		DRWN: Kevin Kang 2022-04-28	
2 PLACES ±		CHK'D: Anil Kumar M S 2022-06-28		
1 PLACE ±		APPR: Brad Dick 2022-07-12		
0 PLACES ±		INITIAL REVISION: DRWN: RFC_PLMIMP APPR:		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 34566
		MATERIAL NUMBER: SD-34566-001		DOC TYPE: PSD
		CUSTOMER: GENERAL MARKET		DOC PART: 000
		SHEET NUMBER: 8 OF 11		REVISION: G65

**molex**

MX123  
66/73/80CKT HRNS CONN ASSY

PRODUCT SALES DRAWING

SD-34566-001

PSD 000 G65

GENERAL MARKET

8 OF 11

# ISO WIRE HRNS ASSY TABLE- TYPE 1

TESTED	HRNS ASSY					HRNS CONN ASSY	DRESS COVER	GROMMET CAP	MX64 WIRE ASSY PER E-33468-001						2.8mm YESC SEALED FEMALE TERMINAL TIN					TY-RAP	RUBBER BAND		
	MATERIAL #	CIRCUIT ID	KEY OPTION	WIRE DRESS OPTION	STATUS	MATERIAL #	MATERIAL #	MATERIAL #	MATERIAL #	RCPT PLATING	WIRE SIZE # mm <sup>2</sup>	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	MATERIAL #	WIRE SIZE # mm <sup>2</sup>	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	QTY	QTY
NO	2047789331	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	2047801003	Ag	0.35	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789231	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	2047801003	Ag	0.35	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789332	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	2047802003	Ag	0.50	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789232	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	2047802003	Ag	0.50	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789333	80	G	0	OBSOLETE	34566-0703	34565-0003	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789233	80	H	0	OBSOLETE	34566-0803	34565-0003	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047799311	80	G	0	OBSOLETE	34566-0703	34565-0003	N/A	2047801101	Ag	0.35	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799211	80	H	0	OBSOLETE	34566-0803	34565-0003	N/A	2047801101	Ag	0.35	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799312	80	G	0	OBSOLETE	34566-0703	34565-0003	N/A	2047802101	Ag	0.50	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799212	80	H	0	OBSOLETE	34566-0803	34565-0003	N/A	2047802101	Ag	0.50	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799313	80	G	0	OBSOLETE	34566-0703	34565-0003	N/A	2047803101	Ag	0.75	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799213	80	H	0	OBSOLETE	34566-0803	34565-0003	N/A	2047803101	Ag	0.75	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047789931	66	A	0	OBSOLETE	34822-0013	34565-0003	34822-5011	2047801003	Ag	0.35	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789731	66	C	0	OBSOLETE	34822-0033	34565-0003	34822-5011	2047801003	Ag	0.35	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789932	66	A	0	OBSOLETE	34822-0013	34565-0003	34822-5011	2047802003	Ag	0.50	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789732	66	C	0	OBSOLETE	34822-0033	34565-0003	34822-5011	2047802003	Ag	0.50	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789933	66	A	0	OBSOLETE	34822-0013	34565-0003	34822-5011	2047803003	Ag	0.75	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789733	66	C	0	OBSOLETE	34822-0033	34565-0003	34822-5011	2047803003	Ag	0.75	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047799911	66	A	0	OBSOLETE	34822-0013	34565-0003	N/A	2047801101	Ag	0.35	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799711	66	C	0	OBSOLETE	34822-0033	34565-0003	N/A	2047801101	Ag	0.35	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799912	66	A	0	OBSOLETE	34822-0013	34565-0003	N/A	2047802101	Ag	0.50	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799712	66	C	0	OBSOLETE	34822-0033	34565-0003	N/A	2047802101	Ag	0.50	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799913	66	A	0	OBSOLETE	34822-0013	34565-0003	N/A	2047803101	Ag	0.75	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799713	66	C	0	OBSOLETE	34822-0033	34565-0003	N/A	2047803101	Ag	0.75	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0

<b>FUNCTIONAL SYMBOLS</b> FA = 0 FE = 0 FP = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b> CURRENT REV DESC: SEE REVISION TABLE GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	PHASE: Design Production CO NO: CO-00000304 DRWN: Kevin Kang 2022-04-28 CHK'D: Anil Kumar M S 2022-06-28 APPR: Brad Dick 2022-07-12 INITIAL REVISION: DRWN: RFC_PLMIMP APPR: THIRD ANGLE PROJECTION 	<div style="font-size: 2em; font-weight: bold; margin: 0;">molex</div> <p style="margin: 5px 0 0 0;">MX123 66/73/80CKT HRNS CONN ASSY</p> <p style="margin: 5px 0 0 0;">PRODUCT SALES DRAWING</p>
			DOCUMENT NUMBER: <b>SD-34566-001</b> DOC TYPE: <b>PSD</b> DOC PART: <b>000</b> REVISION: <b>G65</b>
		DRAWING: <b>D-SIZE</b> SERIES: <b>34566</b> MATERIAL NUMBER: <b>34566</b> CUSTOMER: <b>GENERAL MARKET</b> SHEET NUMBER: <b>9 OF 11</b>	



ISO WIRE HRNS ASSY TABLE- TYPE 2

TESTED	HRNS ASSY					HRNS CONN ASSY MATERIAL #	DRESS COVER MATERIAL #	GROMMET CAP MATERIAL #	MX64 WIRE ASSY PER E-33468-001							2.8mm YESC SEALED FEMALE TERMINAL TIN					TY-RAP QTY	RUBBER BAND QTY	
	MATERIAL #	CIRCUIT ID	KEY OPTION	WIRE DRESS OPTION	STATUS				MATERIAL #	MATERIAL #	RCPT PLATING	WIRE SIZE mm²	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	MATERIAL #	WIRE SIZE # mm²	WIRE TYPE	PIGTAIL OR LOOPED			"LMX" IN METERS 10%
NO	2047789931	73	A	0	SALEABLE	216739-0001	34565-0005	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789831	73	B	0	SALEABLE	216739-0002	34565-0005	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789731	73	C	0	SALEABLE	216739-0003	34565-0005	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789431	73	F	0	SALEABLE	216739-0006	34565-0005	34571-0101	2047801003	Ag	0.35	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789932	73	A	0	SALEABLE	216739-0001	34565-0005	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789832	73	B	0	SALEABLE	216739-0002	34565-0005	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789732	73	C	0	SALEABLE	216739-0003	34565-0005	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789432	73	F	0	SALEABLE	216739-0006	34565-0005	34571-0101	2047802003	Ag	0.50	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789933	73	A	0	SALEABLE	216739-0001	34565-0005	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789833	73	B	0	SALEABLE	216739-0002	34565-0005	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789733	73	C	0	SALEABLE	216739-0003	34565-0005	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047789433	73	F	0	SALEABLE	216739-0006	34565-0005	34571-0101	2047803003	Ag	0.75	ISO	PGTL	3	72	2047811003	2	ISO	PGTL	3	1	6	0
NO	2047799911	73	A	0	SALEABLE	216739-0001	34565-0005	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799811	73	B	0	SALEABLE	216739-0002	34565-0005	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799711	73	C	0	SALEABLE	216739-0003	34565-0005	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799411	73	F	0	SALEABLE	216739-0006	34565-0005	34571-0101	2047801101	Ag	0.35	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799912	73	A	0	SALEABLE	216739-0001	34565-0005	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799812	73	B	0	SALEABLE	216739-0002	34565-0005	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799712	73	C	0	SALEABLE	216739-0003	34565-0005	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799412	73	F	0	SALEABLE	216739-0006	34565-0005	34571-0101	2047802101	Ag	0.50	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799913	73	A	0	SALEABLE	216739-0001	34565-0005	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799813	73	B	0	SALEABLE	216739-0002	34565-0005	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799713	73	C	0	SALEABLE	216739-0003	34565-0005	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047799413	73	F	0	SALEABLE	216739-0006	34565-0005	34571-0101	2047803101	Ag	0.75	ISO	LPD	1	72	2047811101	2	ISO	LPD	1	1	3	0
NO	2047789333	80	G	0	SALEABLE	216738-0001	34565-0005	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0
NO	2047789233	80	H	0	SALEABLE	216738-0002	34565-0005	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	N/A	N/A	N/A	N/A	N/A	N/A	6	0

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		
	DIMENSION UNITS mm	SCALE 1:1	PHASE: Design Production CO NO: CO-000000304 DRWN: Kevin Kang 2022-04-28 CHK'D: Anil Kumar M S 2022-06-28 APPR: Brad Dick 2022-07-12		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5°				
DIVISIONAL SYMBOLS	4 PLACES ±	PRODUCT SALES DRAWING			
	3 PLACES ±	INITIAL REVISION: DRWN: RFC_PLMIMP		DOCUMENT NUMBER SD-34566-001	DOC TYPE PSD
	2 PLACES ±	SERIES 34566			DOC PART 000
	1 PLACE ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CUSTOMER GENERAL MARKET	REVISION G65
0 PLACES ±	THIRD ANGLE PROJECTION		SHEET NUMBER 10 OF 11		

### ISO WIRE HRNS ASSY TABLE- TYPE 2

TESTED	HRNS ASSY					HRNS CONN ASSY	DRESS COVER	GROMMET CAP	MX64 WIRE ASSY PER E-33468-001							2.8mm YESC SEALED FEMALE TERMINAL TIN					TY-RAP	RUBBER BAND	
	MATERIAL #	CIRCUIT ID	KEY OPTION	WIRE DRESS OPTION	STATUS				MATERIAL #	MATERIAL #	MATERIAL #	RCPT PLATING	WIRE SIZE # mm²	WIRE TYPE	PIGTAIL OR LOOPED	"LMX" IN METERS 10%	QTY	MATERIAL #	WIRE SIZE # mm²	WIRE TYPE			PIGTAIL OR LOOPED
NO	2047789331	80	G	0	SALEABLE	216738-0001	34565-0005	34571-0301	2047801003	Ag	0.35	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789231	80	H	0	SALEABLE	216738-0002	34565-0005	34571-0301	2047801003	Ag	0.35	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789332	80	G	0	SALEABLE	216738-0001	34565-0005	34571-0301	2047802003	Ag	0.50	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789232	80	H	0	SALEABLE	216738-0002	34565-0005	34571-0301	2047802003	Ag	0.50	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789333	80	G	0	SALEABLE	216738-0001	34565-0005	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047789233	80	H	0	SALEABLE	216738-0002	34565-0005	34571-0301	2047803003	Ag	0.75	ISO	PGTL	3	80	2047811003	2	ISO	PGTL	3	N/A	6	0
NO	2047799311	80	G	0	SALEABLE	216738-0001	34565-0005	N/A	2047801101	Ag	0.35	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799211	80	H	0	SALEABLE	216738-0002	34565-0005	N/A	2047801101	Ag	0.35	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799312	80	G	0	SALEABLE	216738-0001	34565-0005	N/A	2047802101	Ag	0.50	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799212	80	H	0	SALEABLE	216738-0002	34565-0005	N/A	2047802101	Ag	0.50	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799313	80	G	0	SALEABLE	216738-0001	34565-0005	N/A	2047803101	Ag	0.75	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047799213	80	H	0	SALEABLE	216738-0002	34565-0005	N/A	2047803101	Ag	0.75	ISO	LPD	1	80	2047811101	2	ISO	LPD	1	N/A	3	0
NO	2047789931	66	A	0	SALEABLE	216741-0001	34565-0005	34822-5011	2047801003	Ag	0.35	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789731	66	C	0	SALEABLE	216741-0003	34565-0005	34822-5011	2047801003	Ag	0.35	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789932	66	A	0	SALEABLE	216741-0001	34565-0005	34822-5011	2047802003	Ag	0.50	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789732	66	C	0	SALEABLE	216741-0003	34565-0005	34822-5011	2047802003	Ag	0.50	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789933	66	A	0	SALEABLE	216741-0001	34565-0005	34822-5011	2047803003	Ag	0.75	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047789733	66	C	0	SALEABLE	216741-0003	34565-0005	34822-5011	2047803003	Ag	0.75	ISO	PGTL	3	64	2047811003	2	ISO	PGTL	3	2	6	0
NO	2047799911	66	A	0	SALEABLE	216741-0001	34565-0005	N/A	2047801101	Ag	0.35	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799711	66	C	0	SALEABLE	216741-0003	34565-0005	N/A	2047801101	Ag	0.35	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799912	66	A	0	SALEABLE	216741-0001	34565-0005	N/A	2047802101	Ag	0.50	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799712	66	C	0	SALEABLE	216741-0003	34565-0005	N/A	2047802101	Ag	0.50	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799913	66	A	0	SALEABLE	216741-0001	34565-0005	N/A	2047803101	Ag	0.75	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0
NO	2047799713	66	C	0	SALEABLE	216741-0003	34565-0005	N/A	2047803101	Ag	0.75	ISO	LPD	1	64	2047811101	2	ISO	LPD	1	2	3	0

<b>FUNCTIONAL SYMBOLS</b> FA = 0 FE = 0 FP = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b> GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CURRENT REV DESC: SEE REVISION TABLE  PHASE: Design Production CO NO: CO-00000304 DRWN: Kevin Kang                      2022-04-28 CHK'D: Anil Kumar M S                 2022-06-28 APPR: Brad Dick                            2022-07-12 INITIAL REVISION: DRWN: RFC_PLMIMP APPR:	
MX123 66/73/80CKT HRNS CONN ASSY  PRODUCT SALES DRAWING			DOCUMENT NUMBER: <b>SD-34566-001</b> DOC TYPE: <b>PSD</b> DOC PART: <b>000</b> REVISION: <b>G65</b>
DRAWING: <b>D-SIZE</b> SERIES: <b>34566</b>		MATERIAL NUMBER:    CUSTOMER: <b>GENERAL MARKET</b> SHEET NUMBER: <b>11 OF 11</b>	