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1	NOTES AND BOM
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5	RECEPTACLE CONNECTOR ASSEMBLY
6	BACKSHELL NOTES
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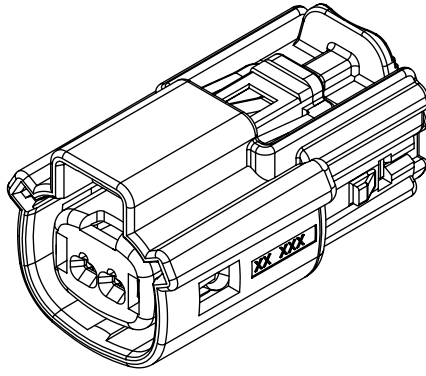
NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
- DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/CONNECTOR DRAWINGS CHART.
- *DENOTES DRAWINGS THAT CAN BE ACCESSED AT <<http://ewcap.uscarteams.org/>>.
- ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).
- b. PRODUCT SPECIFICATION SEE:
- STANDARD CONFIGURATION: PS-33471-000
- UL V0 CONFIGURATION: PS-160105-0001
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE PACKAGING CHART
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

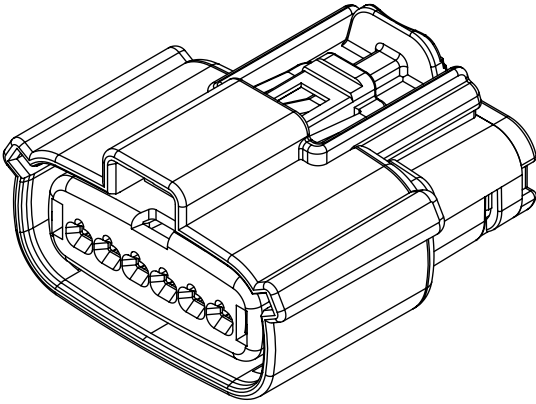
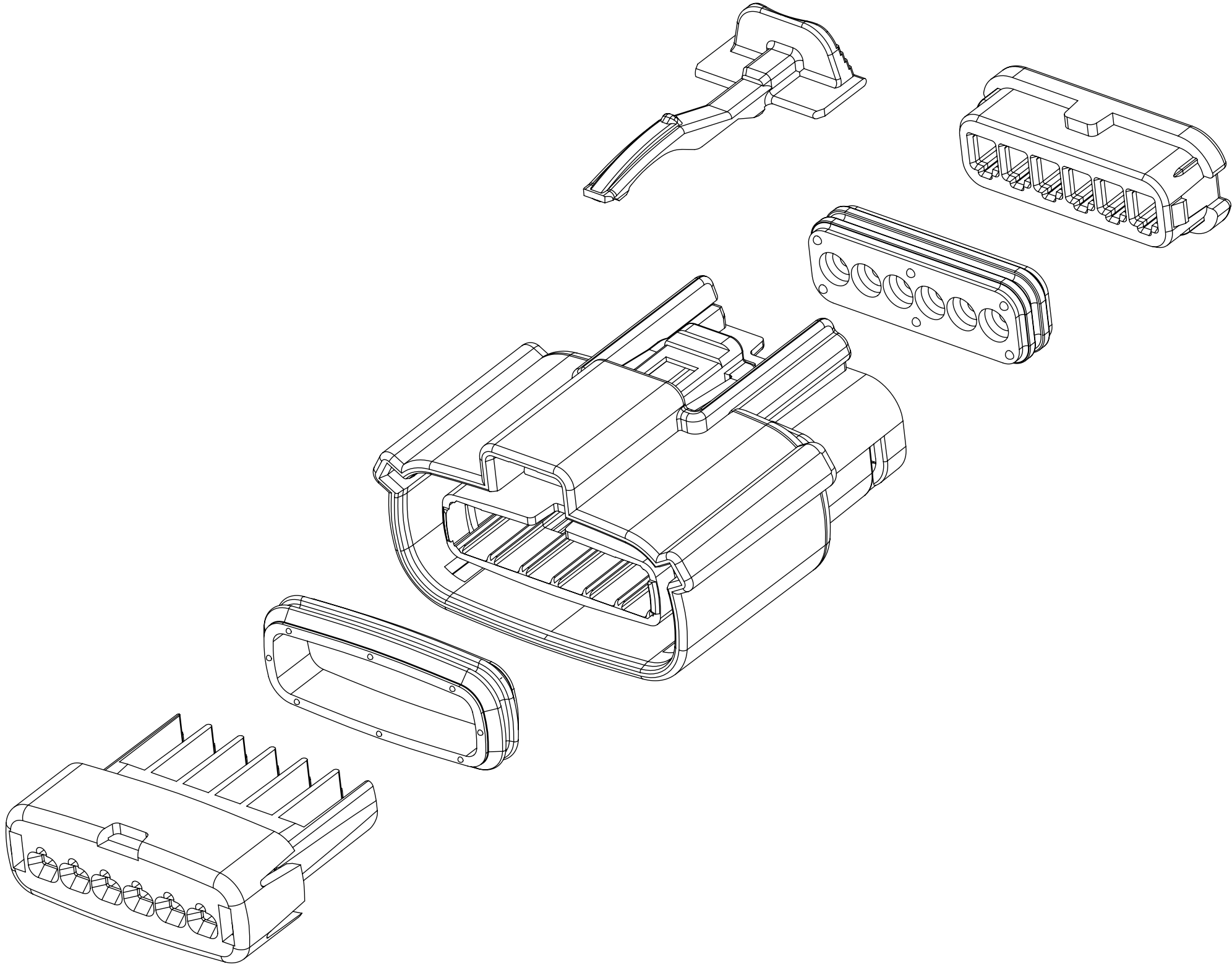
2. DESIGN - MATERIALS:
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION SD-33471-0002
- UL V0 CONFIGURATION SD-160105-0002
3. DESIGN - GEOMETRY:
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).
- g. LASER MARKING:
1. PART NUMBER
2. DAY OF THE YEAR
3. SHIFT
4. YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

PACKAGING	
DESCRIPTION	DRAWING NO.
1X2	PK-31300-635
1X6	PK-31300-903

MATING INTERFACE/CONNECTOR DRAWINGS		
DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
1X2	*150-S-002-1-Z05	SD-33481-0001
1X6	*150-S-006-1-Z03	SD-33481-0001



1x2



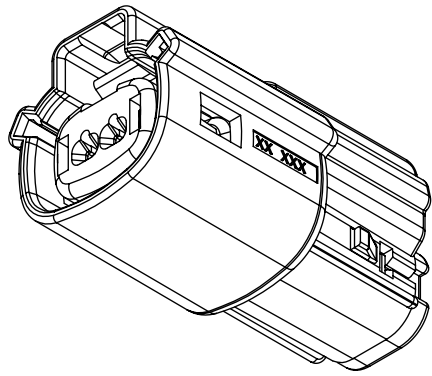
1x6

A1	UPDATED THE DRAWING FRAME
A	MINOR GEOMETRY CHANGE FOR UL V0
2	UPDATE VIEWSETS
1	INITIAL RELEASE
REV	REV DESCRIPTION

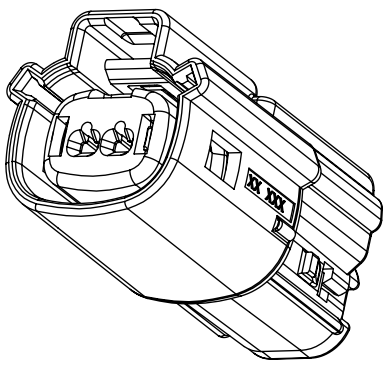
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	3 PLACES		±			APPR: KDEKOSHI2016/06/14												
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
							D-SIZE		33471		SEE NOTE 2a		GENERAL MARKET		1 OF 8			

SHEET DESCRIPTION

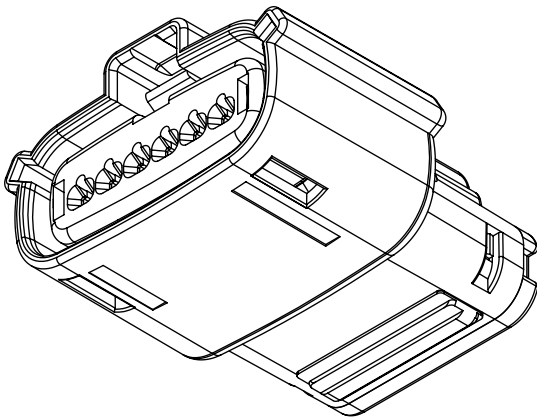
CONFIGURATIONS



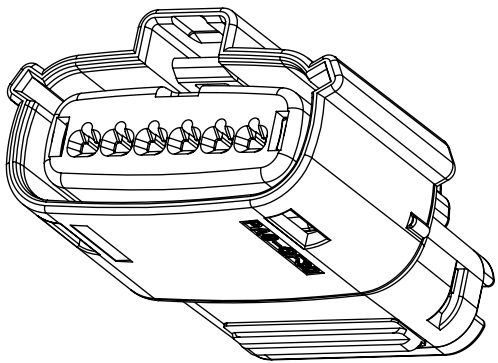
1x2 - STD



1x2 - UL V0*



1x6 - STD



1x6 - UL V0*

*MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION
SEE NOTES 1 & 2 FOR MORE INFORMATION

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC:									
	mm		1.5:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL ± 1.0 °													
	4 PLACES		±											
	3 PLACES		±											
	2 PLACES		± 0.1											
	1 PLACE		± 0.2											
	0 PLACES		±											
	DIVISIONAL SYMBOLS	EC NO: 643941 DRWN: XLDONG032020/08/21 CHK'D: JDENG022020/08/26 APPR: JDENG022020/08/26						molex MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL						
PRODUCT CUSTOMER DRAWING						DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
INITIAL REVISION: DRWN: APROFFITT2015/11/04 APPR: KDEKOSKI2016/06/14						SD-33471-0001				PSD	001	A1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
				D-SIZE		33471		SEE NOTE 2a		GENERAL MARKET		2 OF 8		

molex

MX150 RCPT
SINGLE ROW SEALED ASSY MAT SEAL

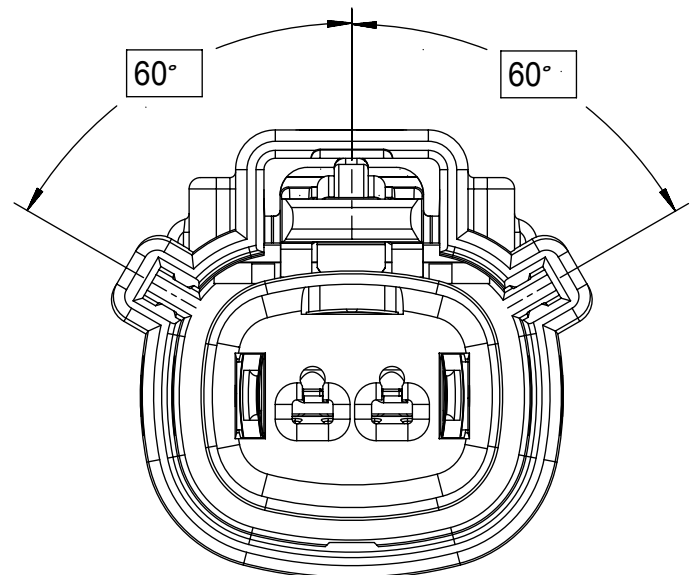
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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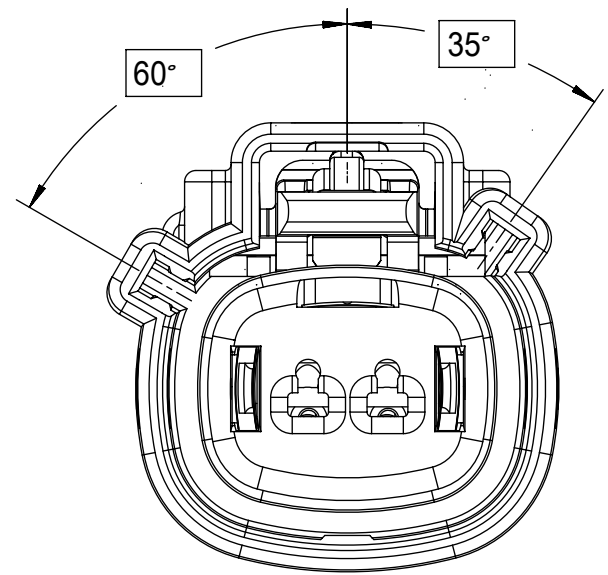
SHEET DESCRIPTION
KEY CONFIGURATIONS

KEY CONFIGURATIONS

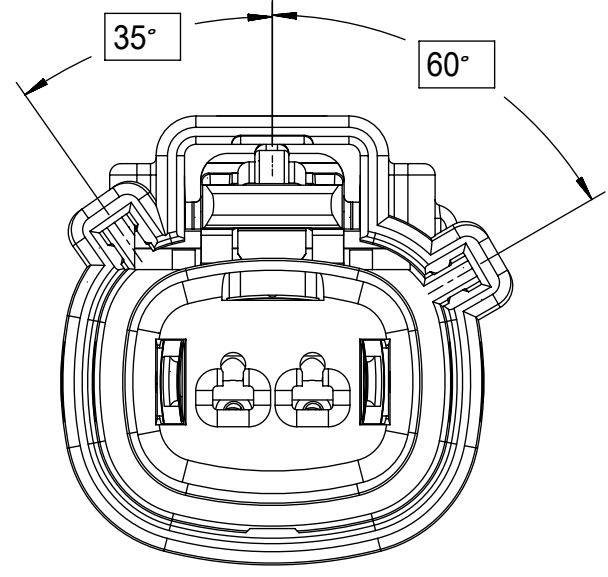
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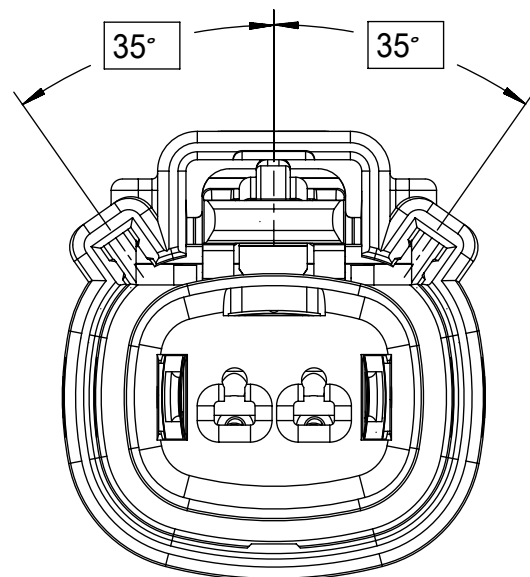
KEY A



KEY B



KEY C



KEY D

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mm		3:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL ± 1.0 °																			
4 PLACES		±																	
3 PLACES		±																	
2 PLACES		± 0.1																	
1 PLACE		± 0.2																	
0 PLACES		±																	
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
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												MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												SEE NOTE 2a		GENERAL MARKET				3 OF 8	

SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.

KEY CONFIGURATIONS CONT.

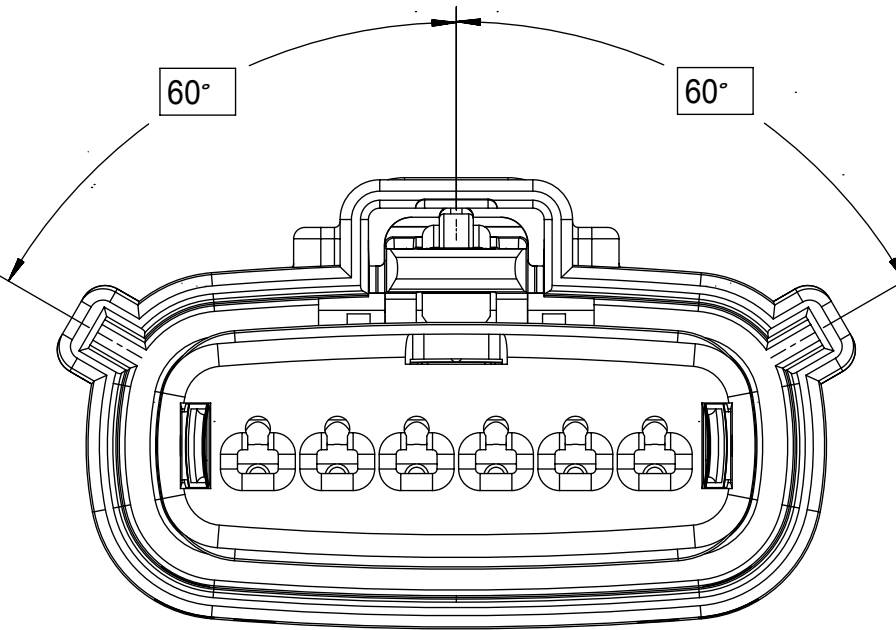
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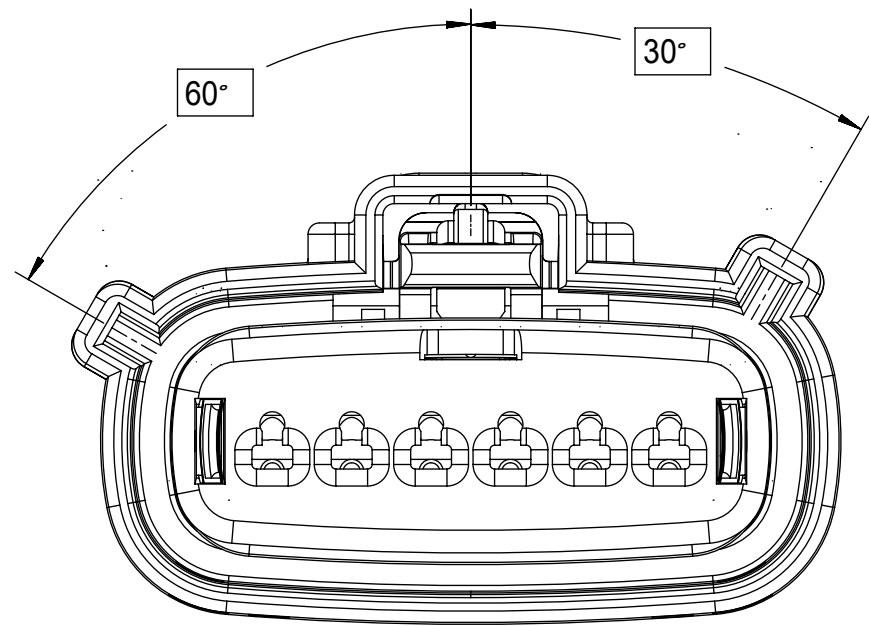
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KEY C

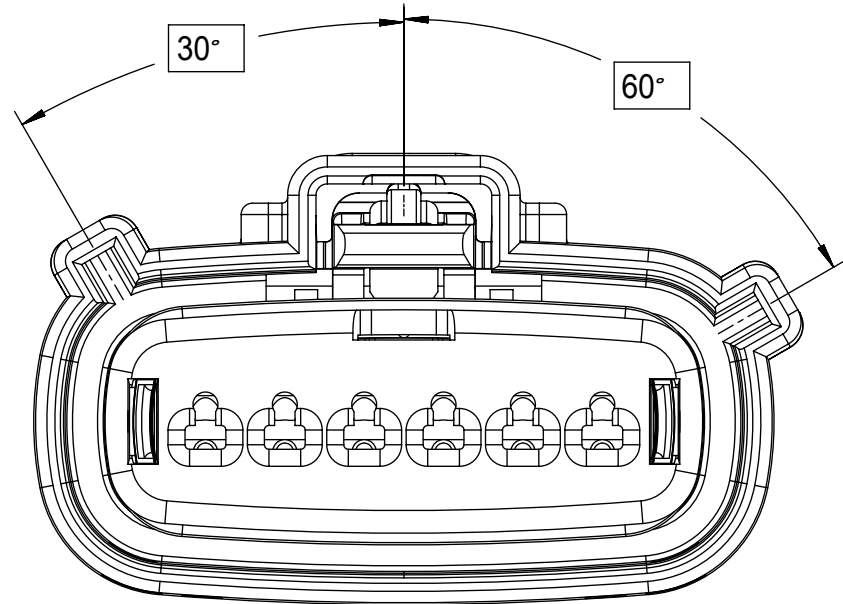
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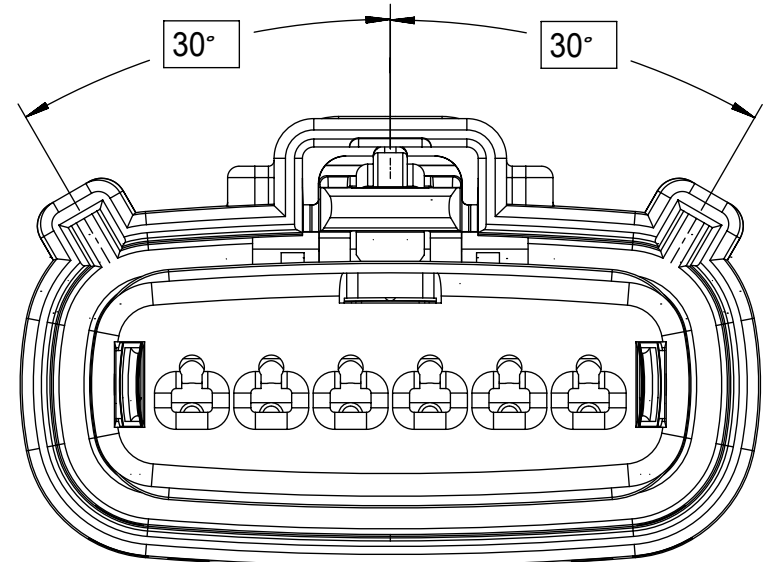
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KEY B



KEY C

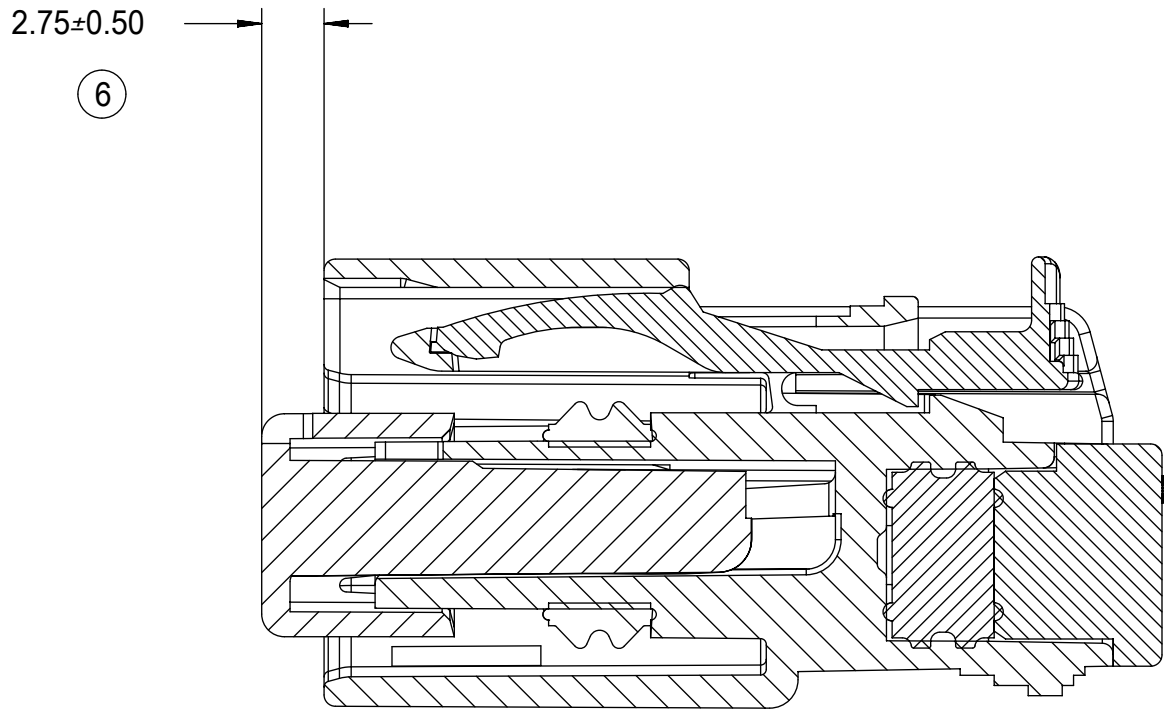
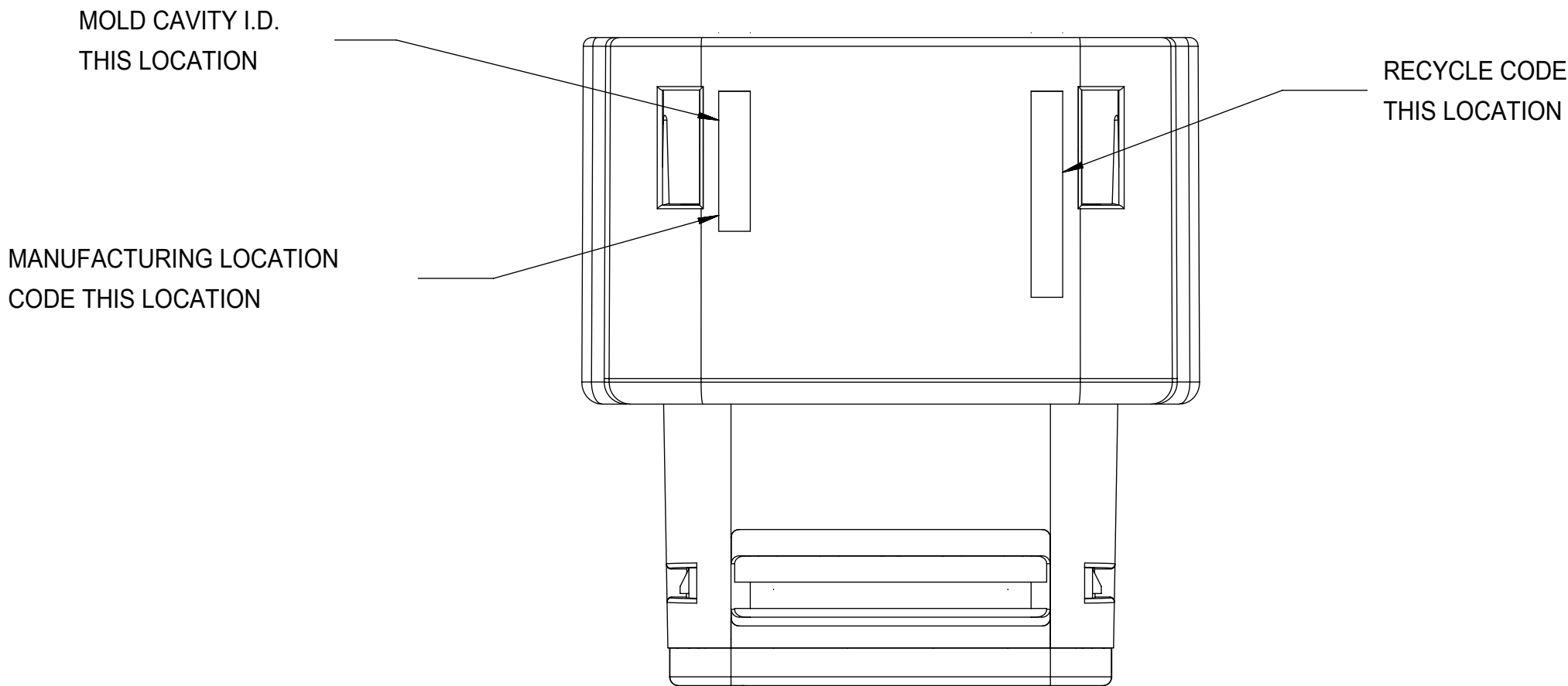
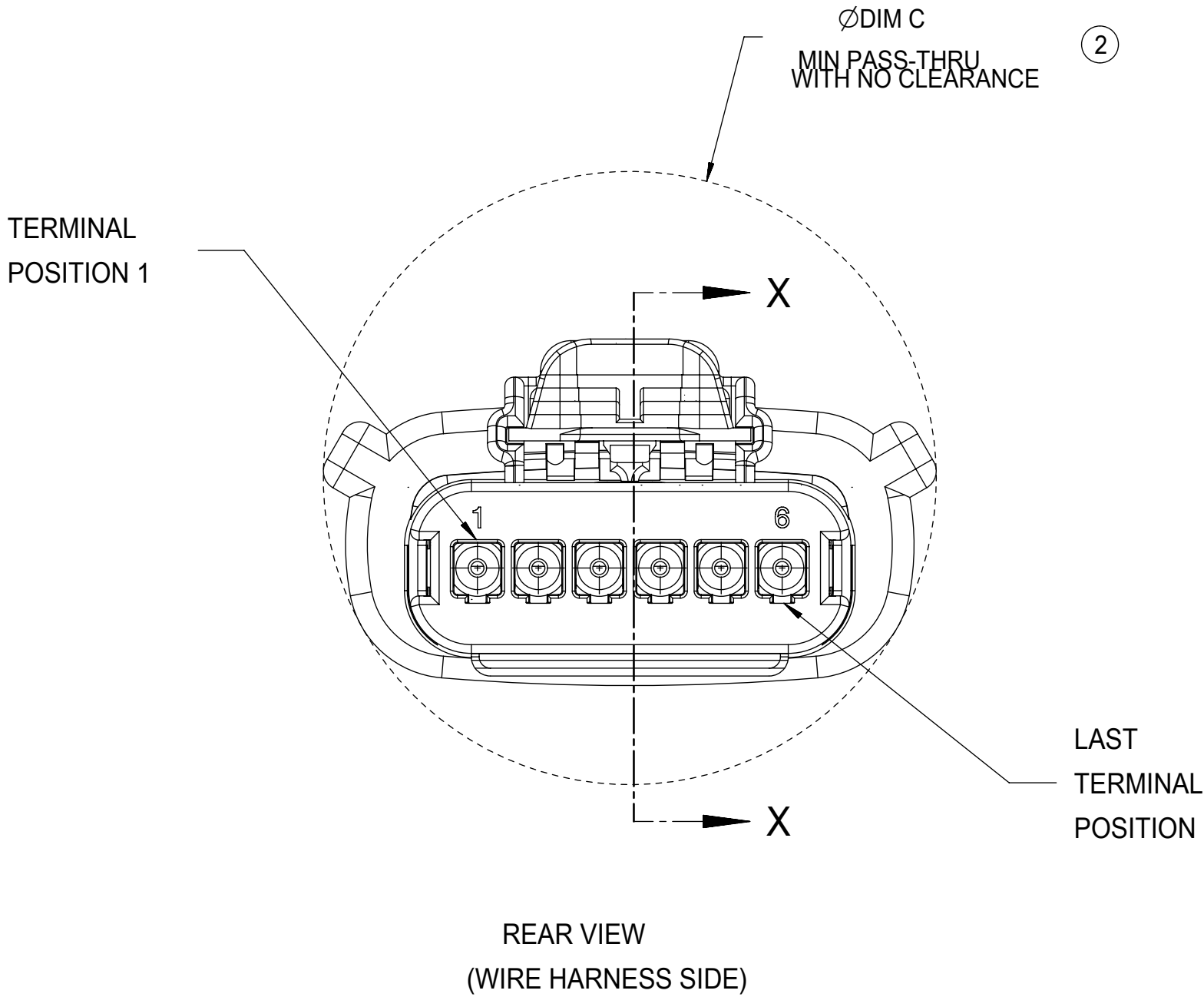
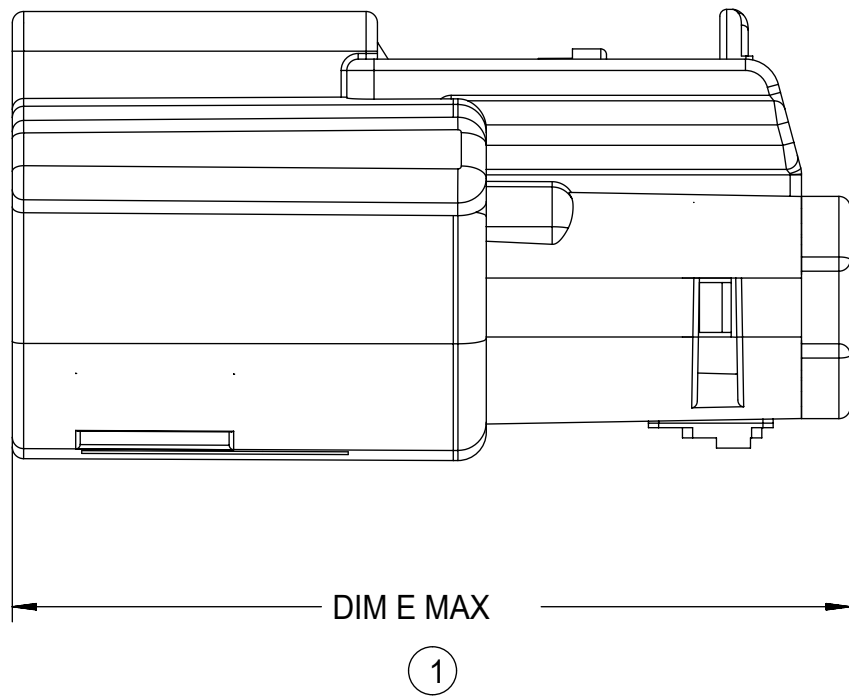
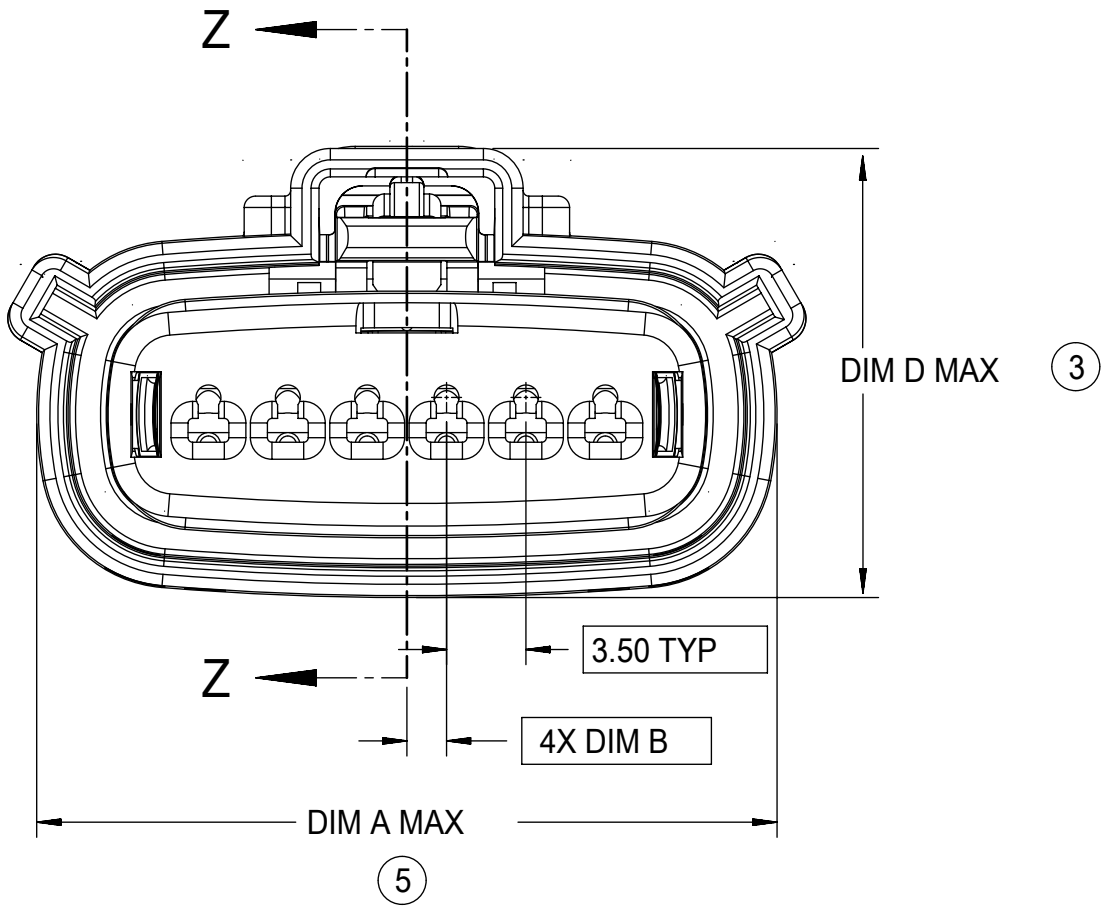
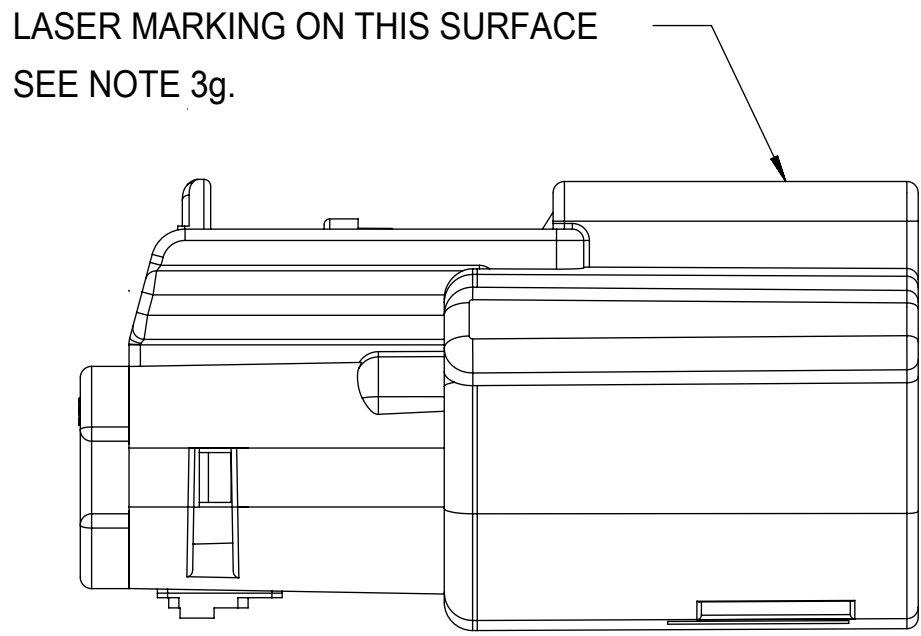
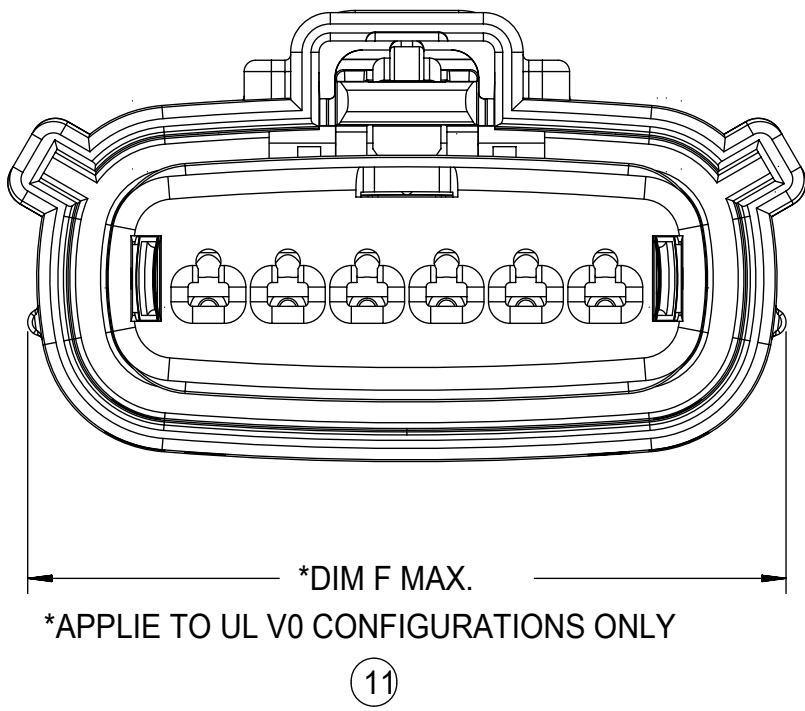


KEY D

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL			
	mm		3:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
	ANGULAR TOL ± 1.0°										
	4 PLACES ±		EC NO: 643941		PRODUCT CUSTOMER DRAWING						
	3 PLACES ±		DRWN: XLDONG03 2020/08/21								
2 PLACES ± 0.1		CHK'D: JDENG02 2020/08/26									
1 PLACE ± 0.2		APPR: JDENG02 2020/08/26		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
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		DRWN: APROFFITT 2015/11/04									
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE	33471	SEE NOTE 2a		GENERAL MARKET		4 OF 8	

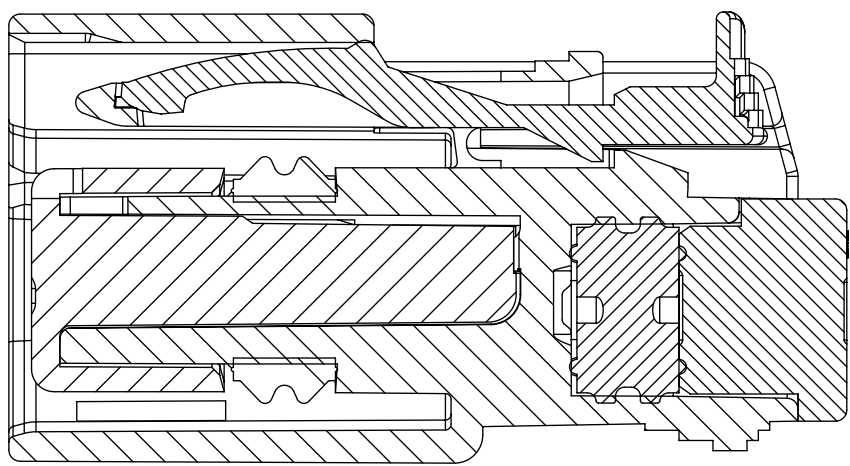
SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY - STD



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



CHARTED DIMENSIONS						
DESCRIPTION	DIMENSIONS					
	A	B	C	D	E	F
1X2	19.40	1.75	21.73	20.55	37.65	19.64
1X6	32.75	1.75	35.21	19.90	37.65	N/A
1X6 UL V0	N/A	1.75	35.23	19.90	37.65	33.64

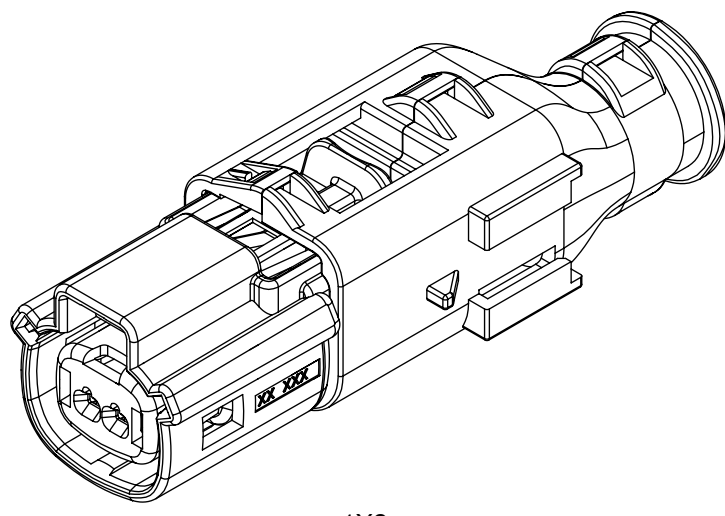
FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										CURRENT REV DESC:										molex MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL PRODUCT CUSTOMER DRAWING																																		
	DIMENSION UNITS					SCALE					EC NO: 643941 DRWN: XLDONG03 2020/08/21 CHK'D: JDENG02 2020/08/26 APPR: JDENG02 2020/08/26 INITIAL REVISION: DRWN: APROFFITT 2015/11/04 APPR: KDEKOSKI 2016/06/14										DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION																									
	mm					3:1															SD-33471-0001					PSD		001		A1																									
	GENERAL TOLERANCES (UNLESS SPECIFIED)																				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION 					DRAWING D-SIZE					SERIES 33471					MATERIAL NUMBER SEE NOTE 2a					CUSTOMER GENERAL MARKET					SHEET NUMBER 5 OF 8				
	ANGULAR TOL ± 1.0 °																																																						
	4 PLACES					±																																																	
	3 PLACES					±																																																	
	2 PLACES					± 0.1																																																	
	1 PLACE					± 0.2																																																	
	0 PLACES					±																																																	

SHEET DESCRIPTION

BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-0001.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
 - BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
 - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34949-0001.



1X2

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

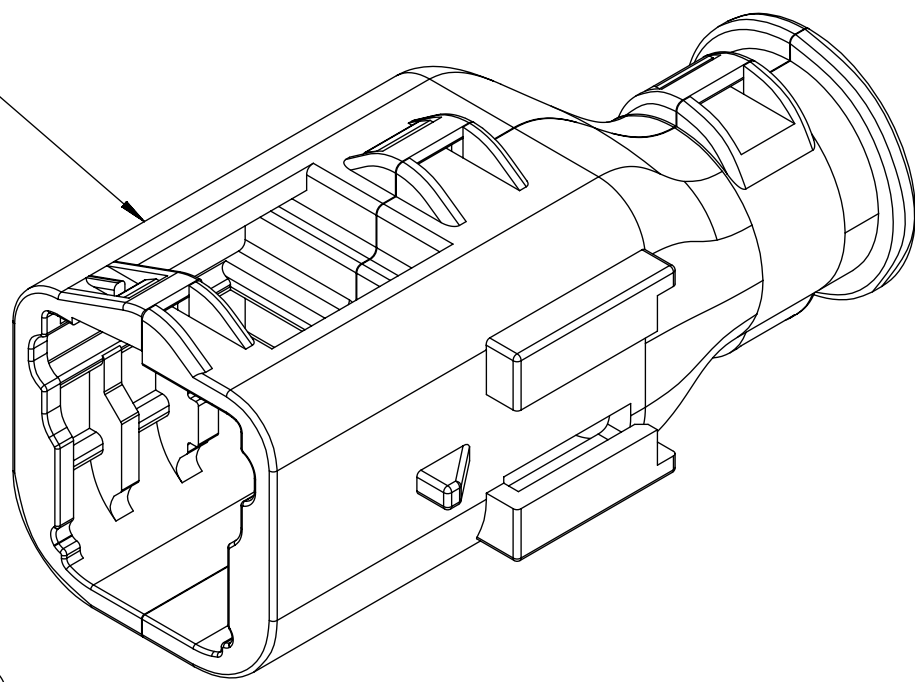
34949-XXXX

- CUSTOMER MODEL COMPONENTS
- 0 - BACKSHELL ONLY
 - 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
 - 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
 - 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
 - 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

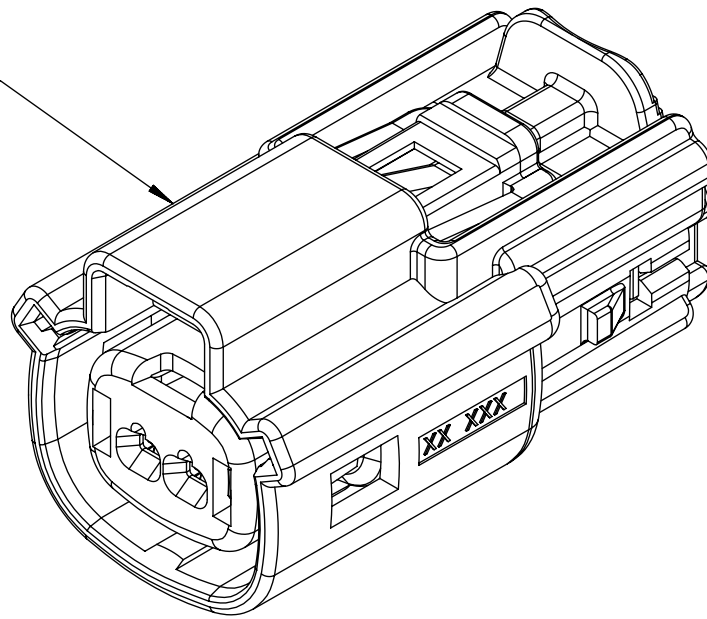
- BACKSHELL FEATURES
- 1 - WITH RIBS
 - 2 - WITHOUT RIBS

MX150 CIRCUIT SIZE 02, 03, 04, 05, 06

BACKSHELL (BKS)



RECEPTACLE SEALED ASSEMBLY

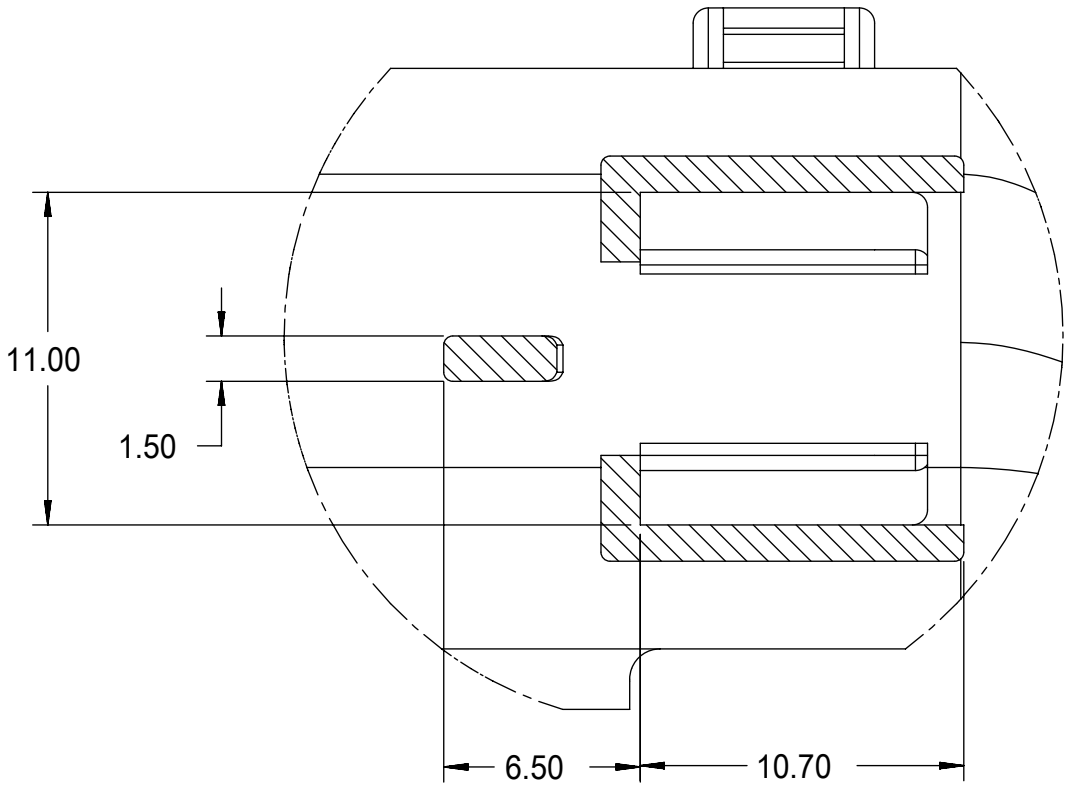
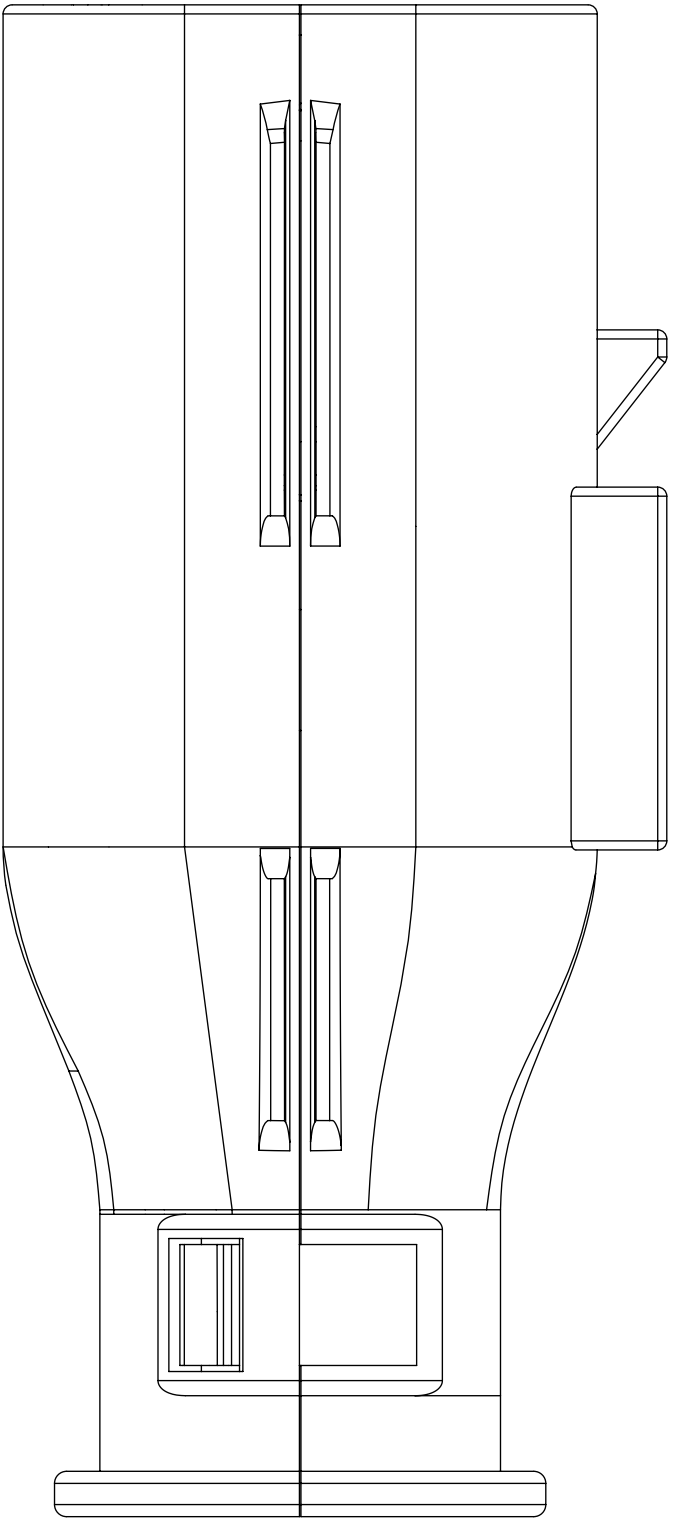
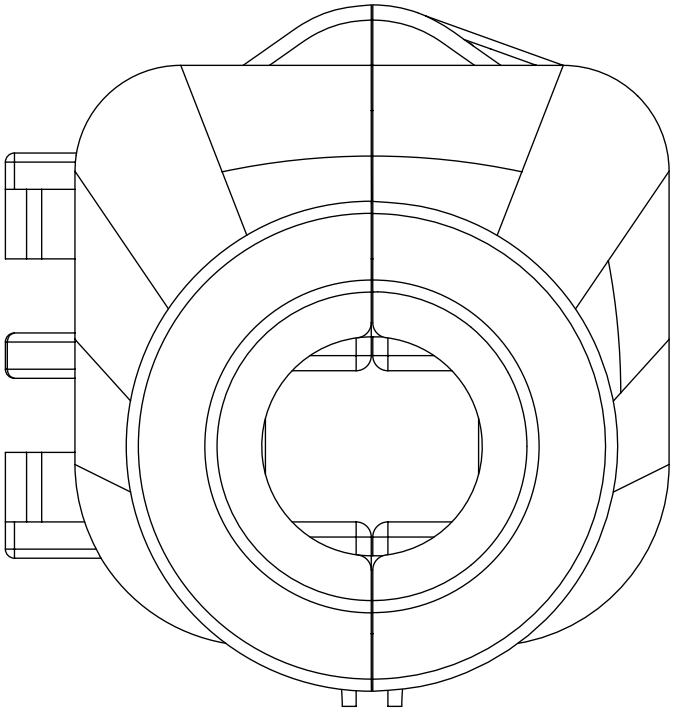
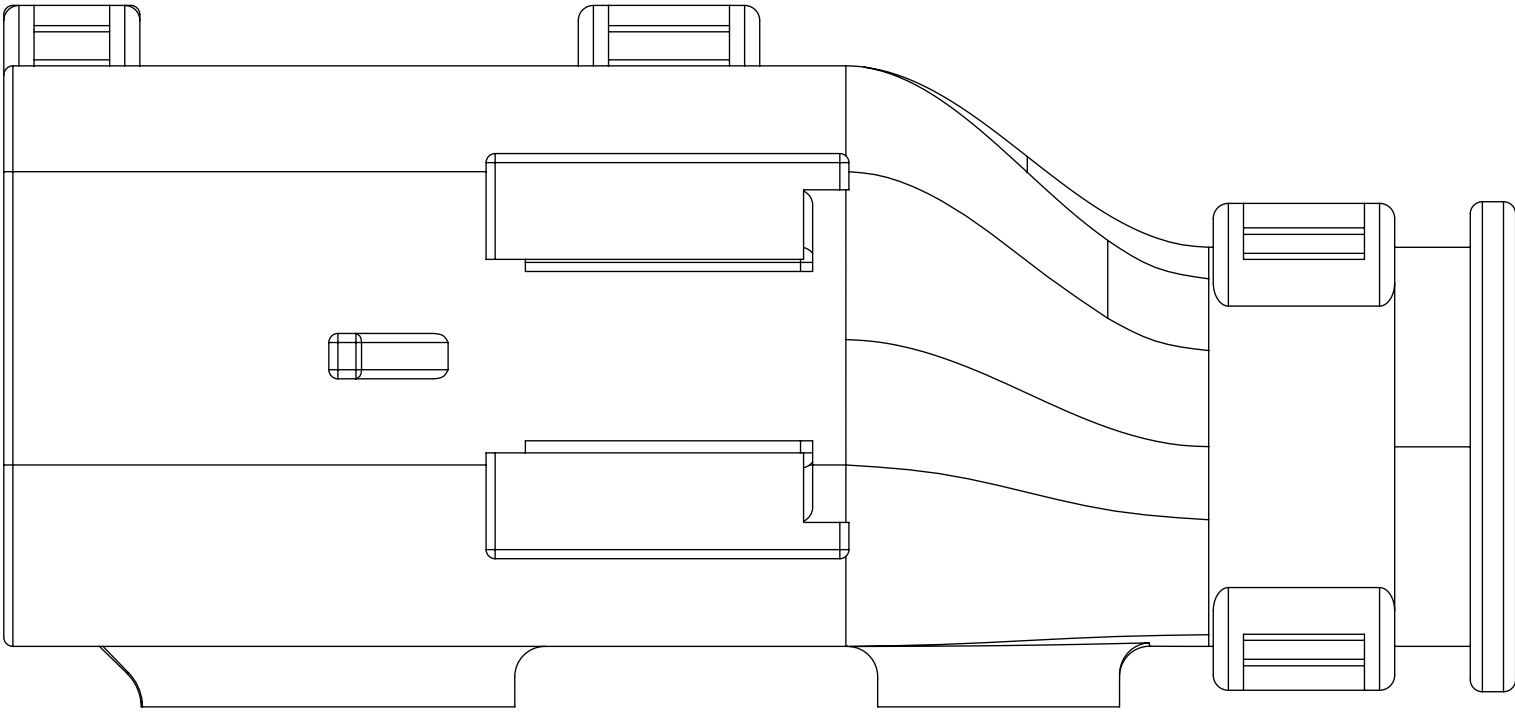
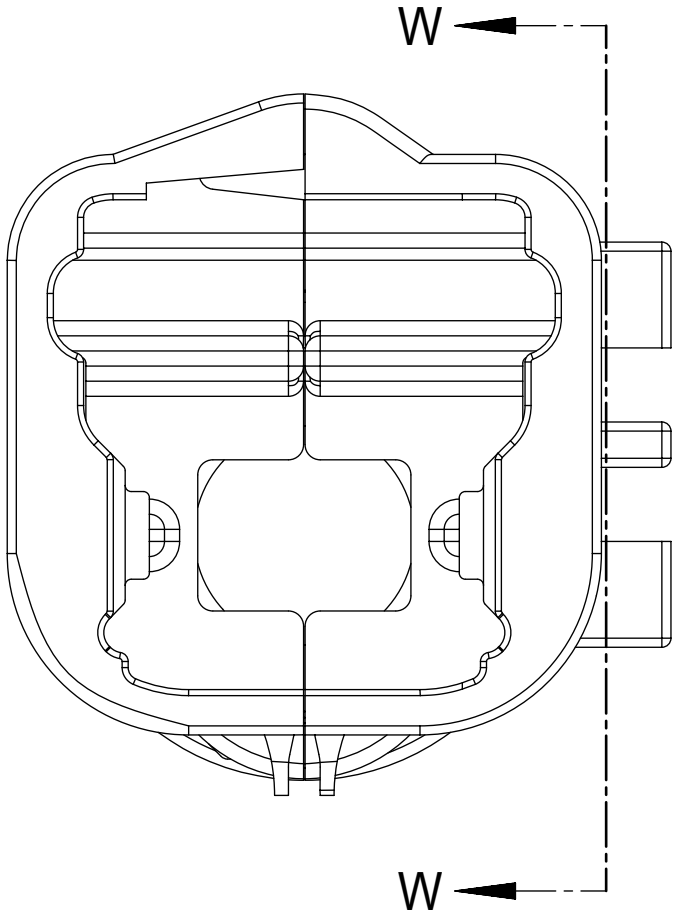
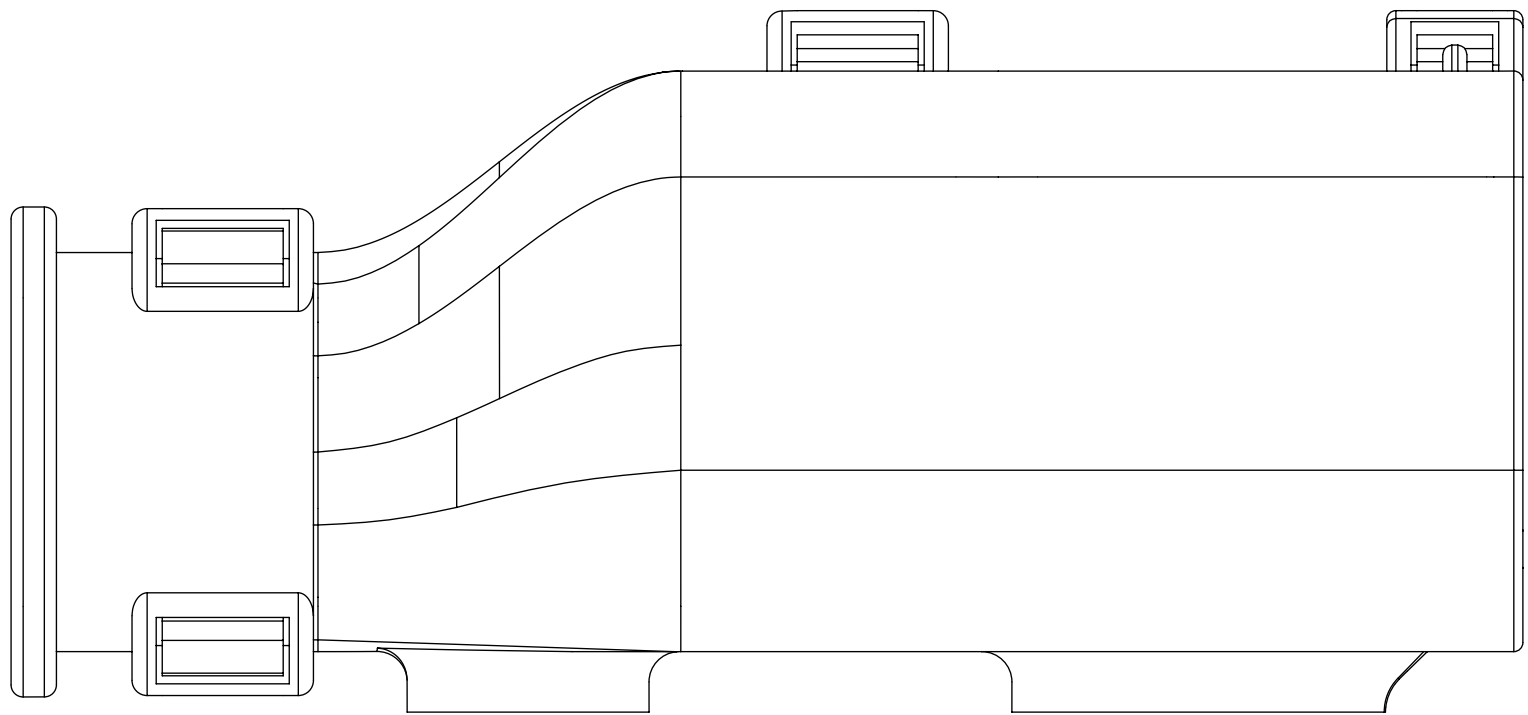


FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
A = 0 E = 0 F P = 0 DIVISIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex								
		mm		4:1															
		GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 1.0 °					EC NO: 643941 DRWN: XLDONG03 2020/08/21 CHK'D: JDENG02 2020/08/26 APPR: JDENG02 2020/08/26						MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL								
4 PLACES		±																	
3 PLACES		±								PRODUCT CUSTOMER DRAWING									
2 PLACES		± 0.1																	
1 PLACE		± 0.2																	
0 PLACES		±			INITIAL REVISION:					DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION					DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
									D-SIZE		33471		SEE NOTE 2a		GENERAL MARKET		6 OF 8		
					DRWN: APROFFITT 2015/11/04 APPR: KDEKOSKI 2016/06/14					SD-33471-0001				PSD	001	A1			

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/26	07:23:52
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SHEET DESCRIPTION

BACKSHELL

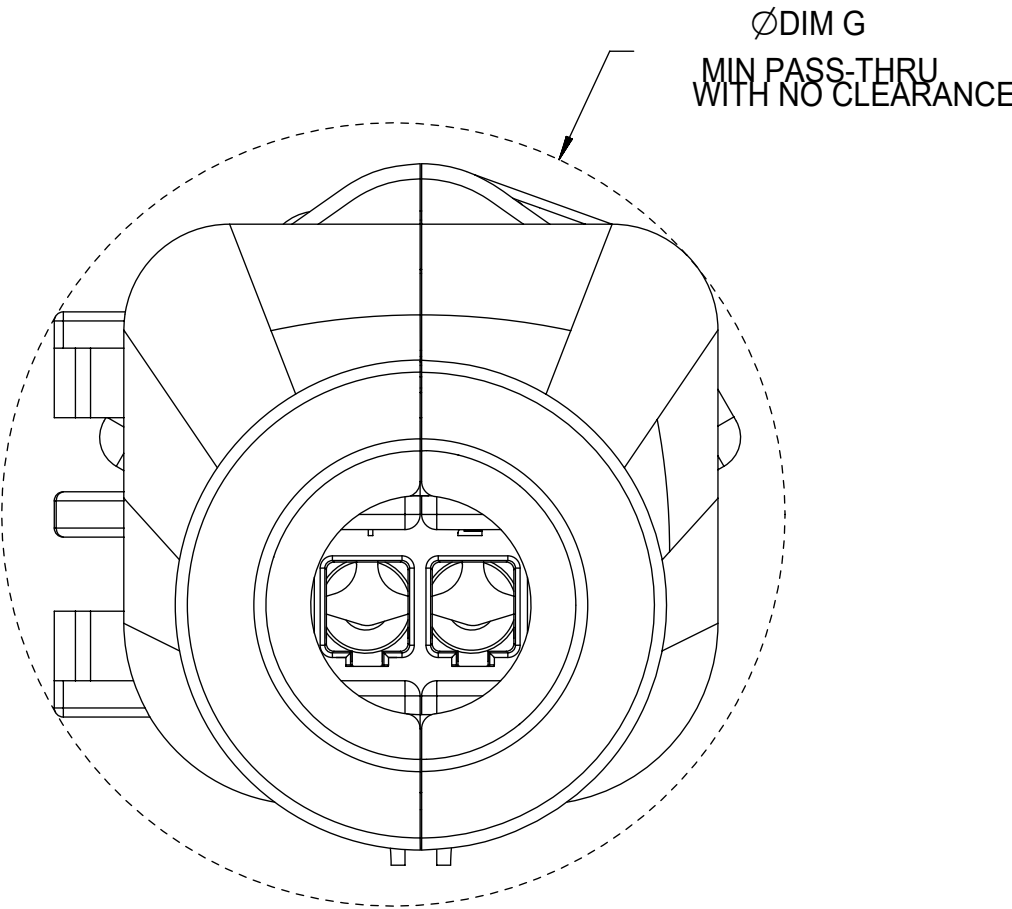
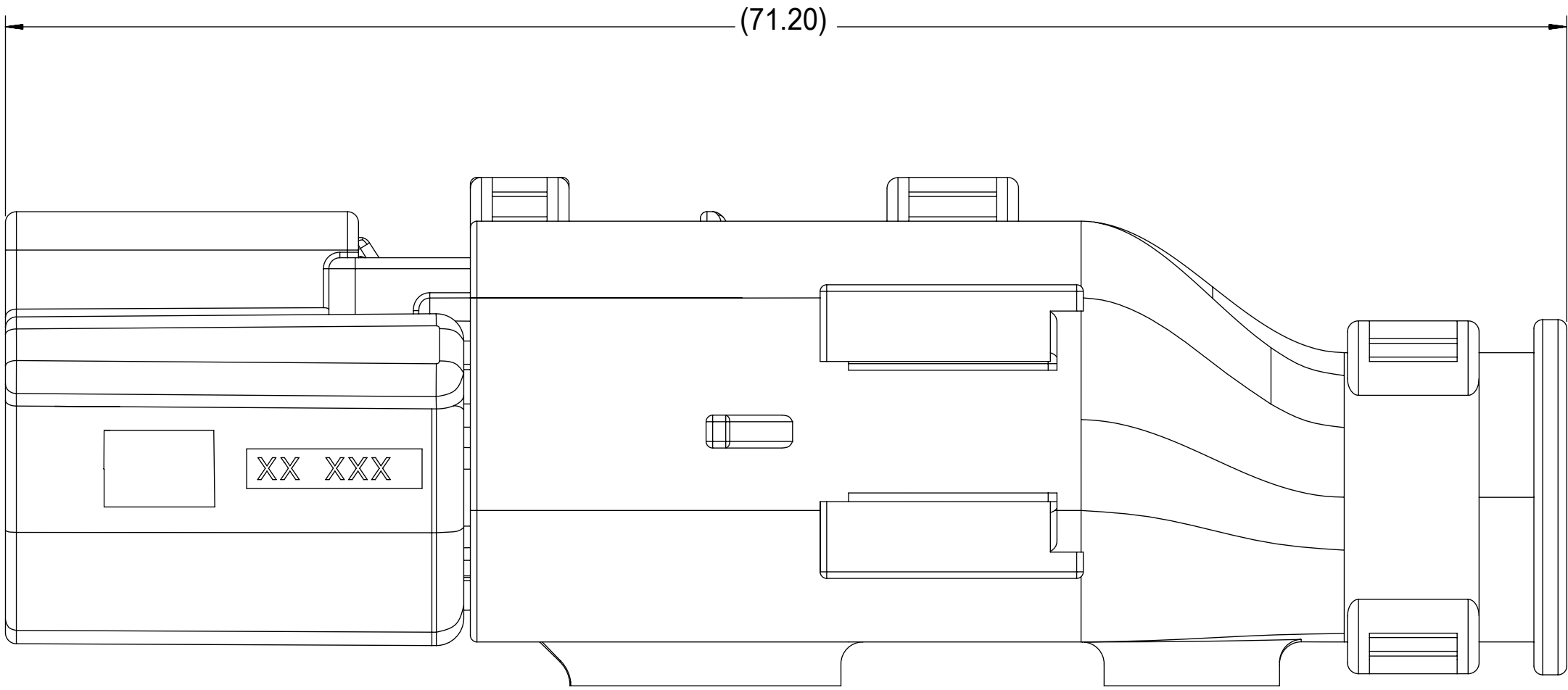


Partial W-W
SCALE 4:1

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex						
	mm		4:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 643941 DRWN: XLDONG032020/08/21 CHK'D: JDENG022020/08/26 APPR: JDENG022020/08/26 INITIAL REVISION: DRWN: APROFFITT2015/11/04 APPR: KDEKOSKI2016/06/14					MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL					
	ANGULAR TOL ± 1.0°															
	4 PLACES		±		PRODUCT CUSTOMER DRAWING											
	3 PLACES		±		DOCUMENT NUMBER						DOC TYPE		DOC PART	REVISION		
	2 PLACES		± 0.1		SD-33471-0001						PSD		001	A1		
	1 PLACE		± 0.2													
	0 PLACES		±													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION		DRAWING		SERIES	
							D-SIZE		33471		SEE NOTE 2a		GENERAL MARKET		7 OF 8	

SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

CHARTED DIMENSIONS	
DESCRIPTION	DIMENSIONS
1X2	G
	26.00



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

FUNCTIONAL SYMBOLS FA = 0 FC = 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		SCALE		CURRENT REV DESC:					molex MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL						
	mm		4:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 643941 DRWN: XLDONG03 2020/08/21 CHK'D: JDENG02 2020/08/26 APPR: JDENG02 2020/08/26					PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± 1.0°																
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: APROFFITT 2015/11/04 APPR: KDEKOSKI 2016/06/14					DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
	3 PLACES		±							SD-33471-0001			PSD	001	A1	
	2 PLACES		± 0.1		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE NOTE 2a			GENERAL MARKET		SHEET NUMBER 8 OF 8	
	1 PLACE		± 0.2													
0 PLACES		±		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER				
						D-SIZE		33471								

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/26	07:23:52
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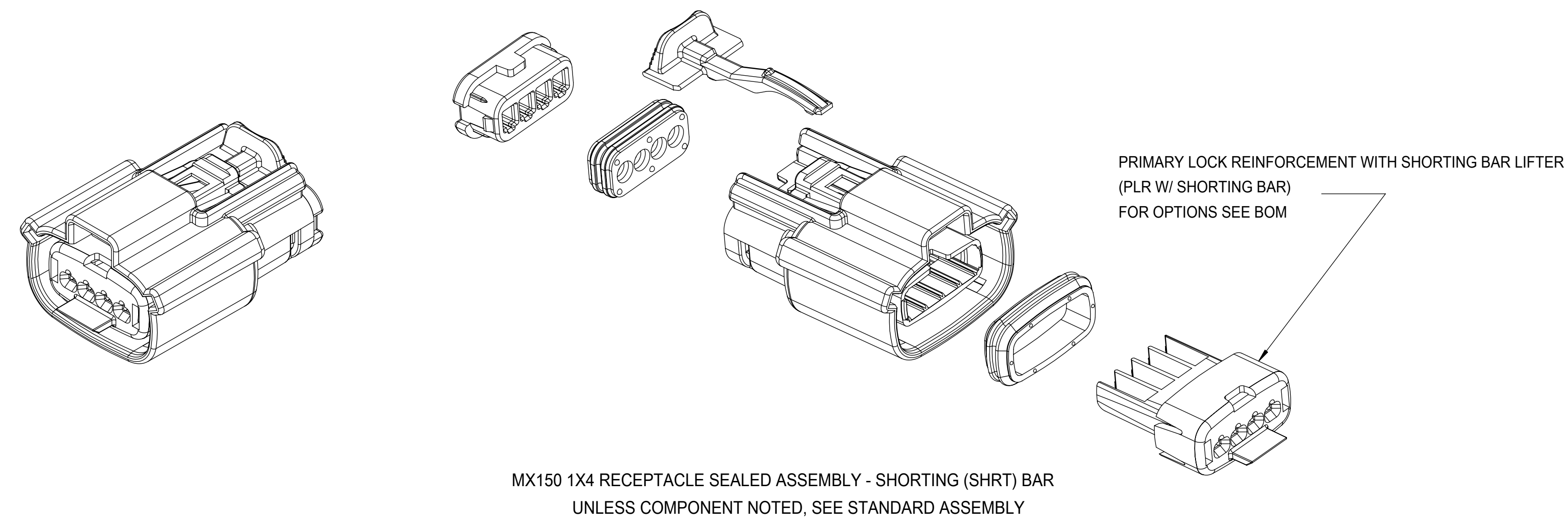
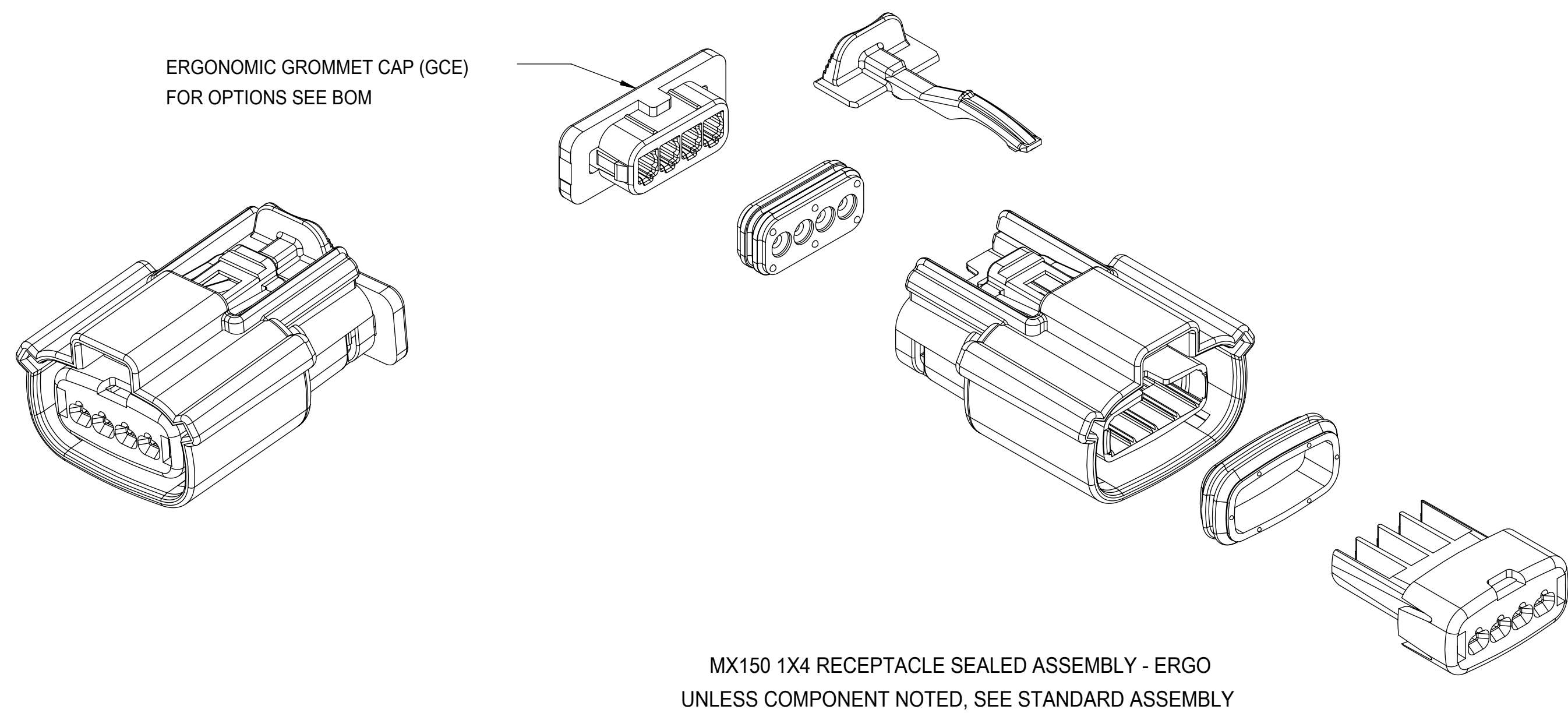
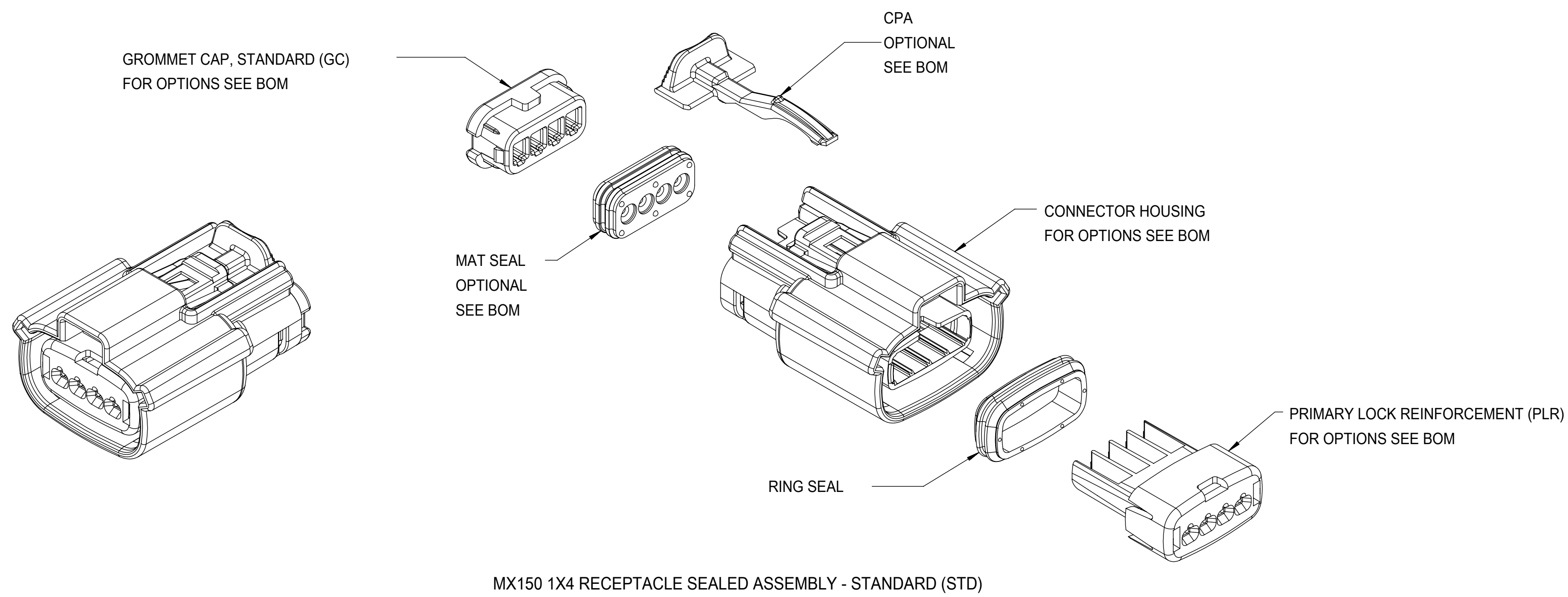
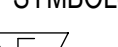
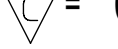


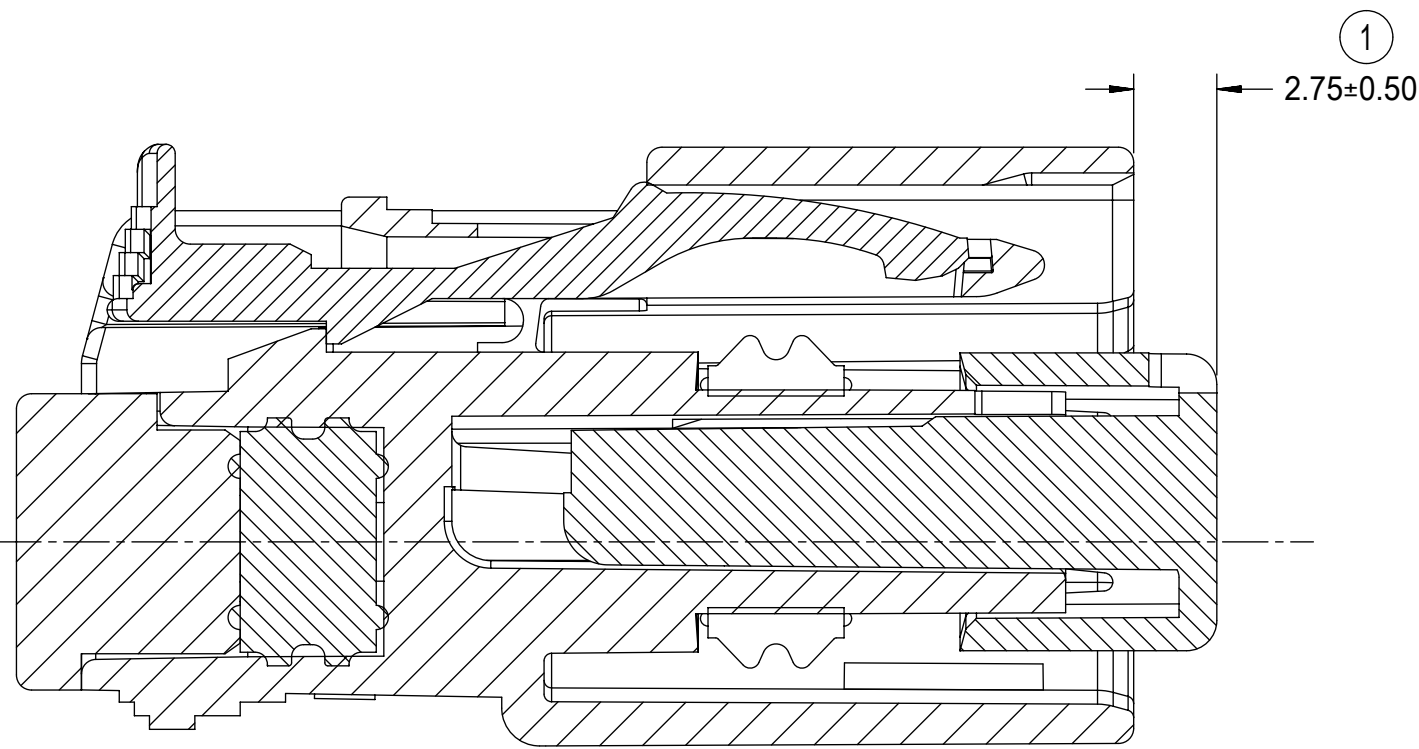
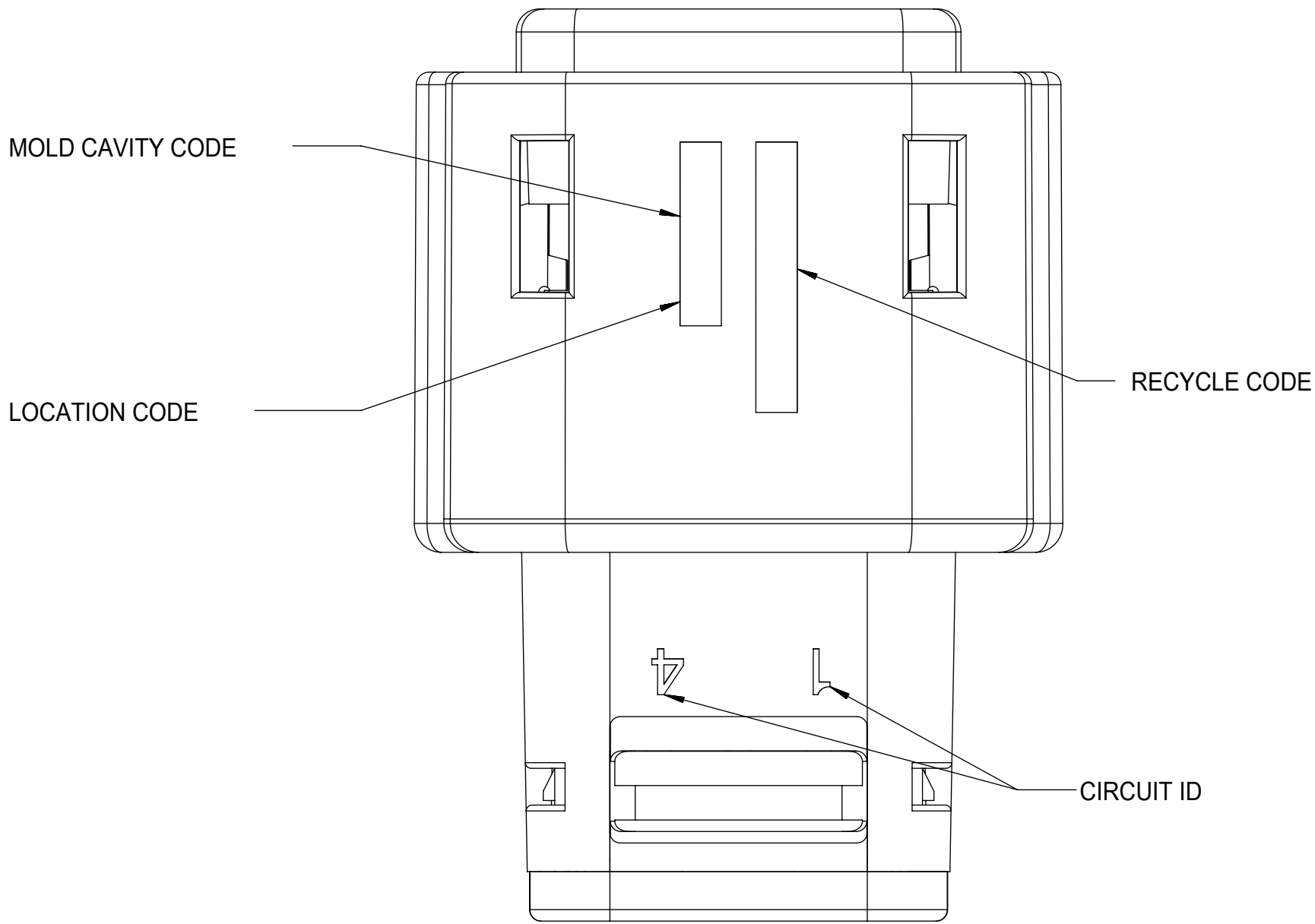
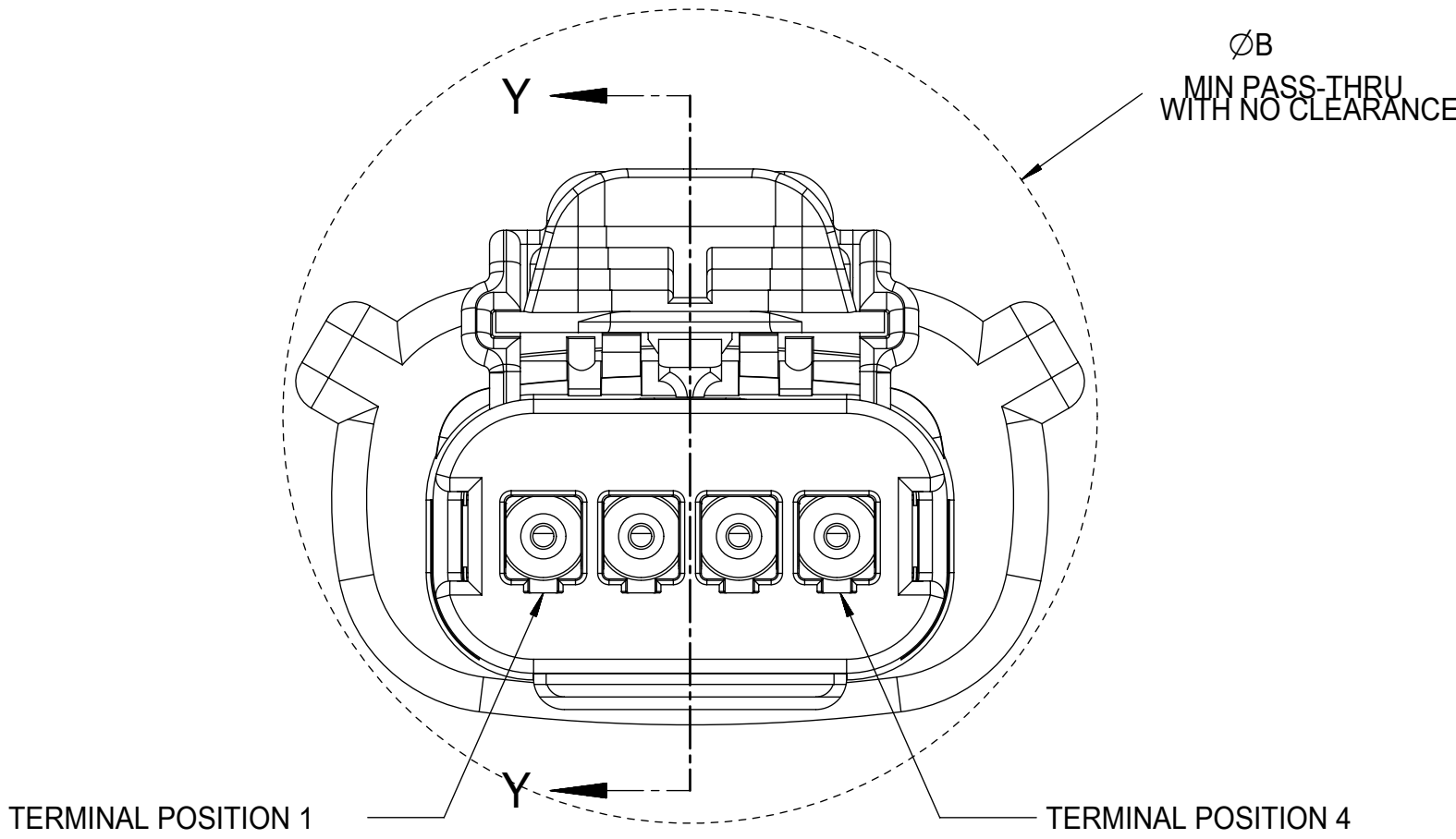
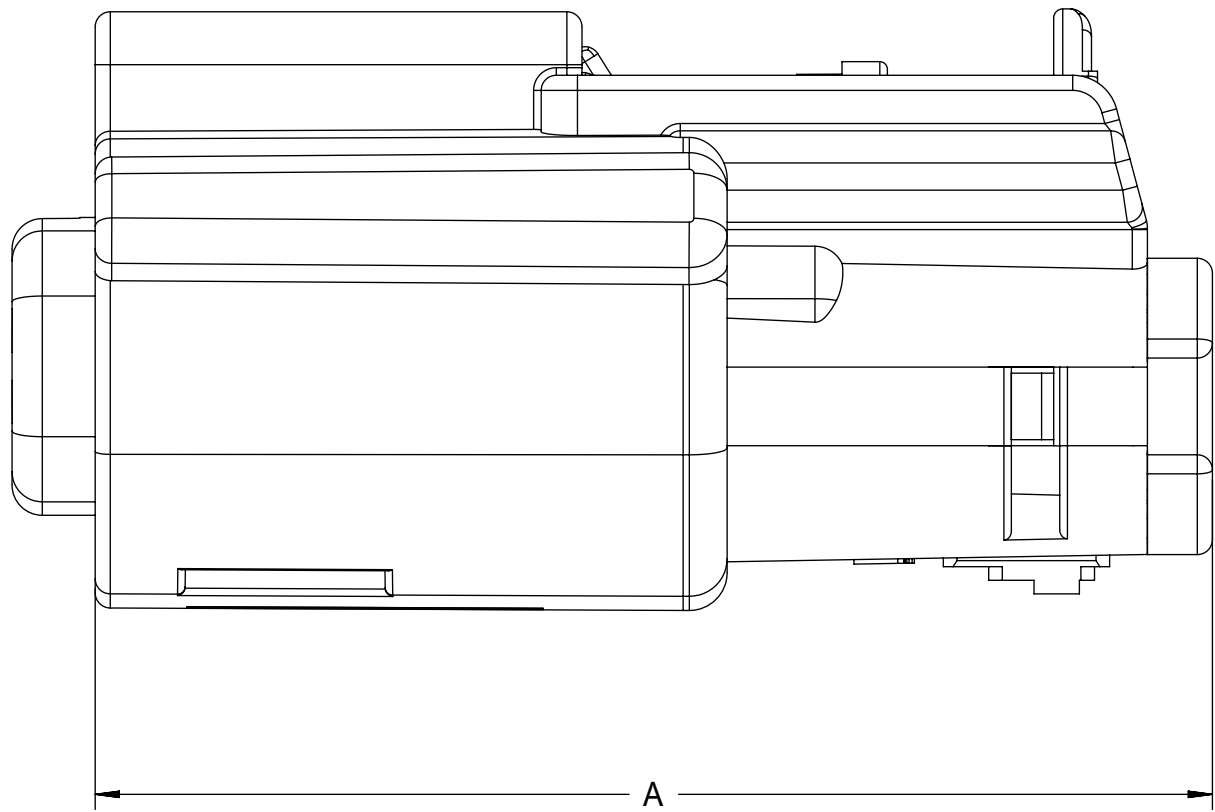
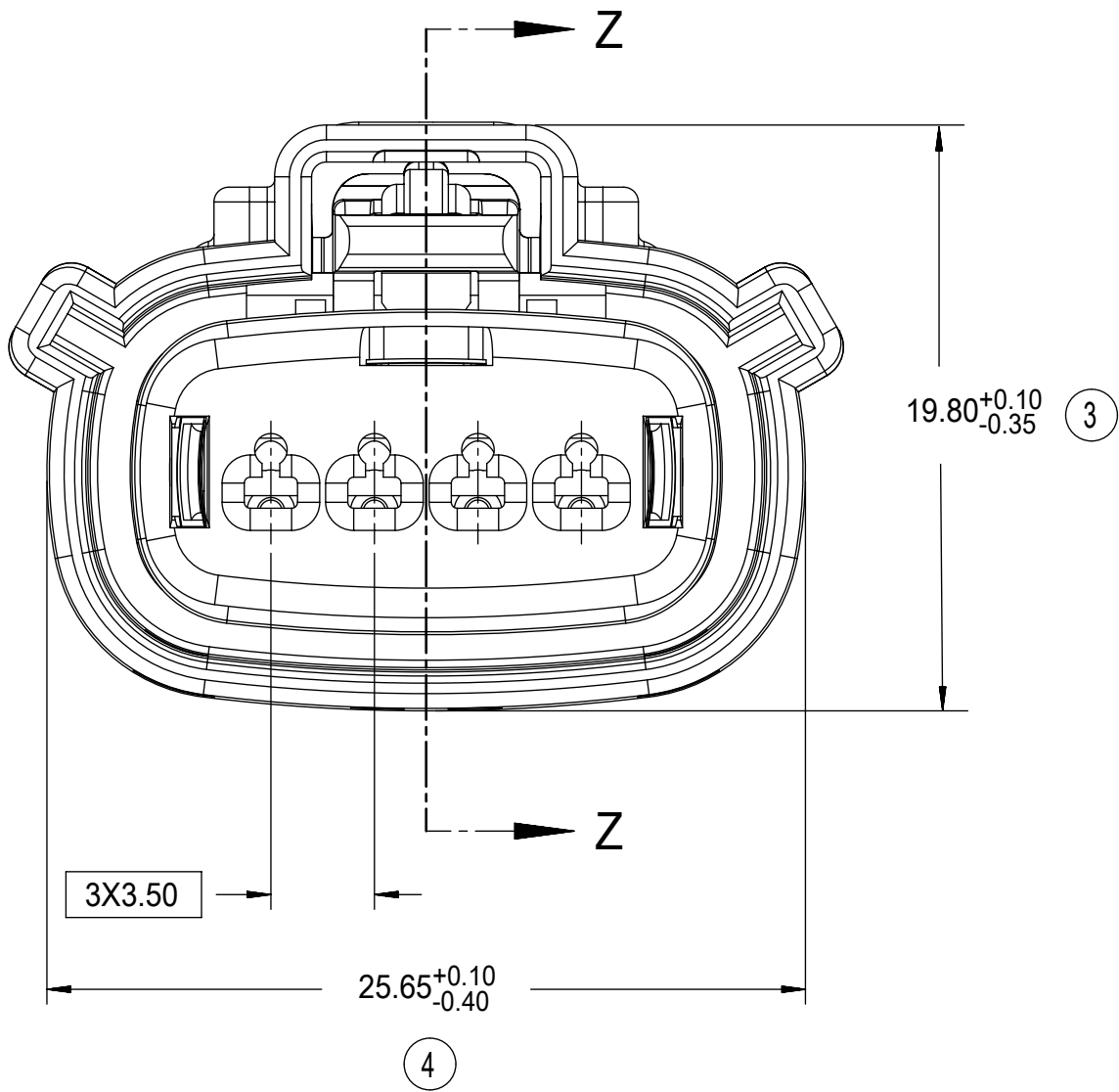
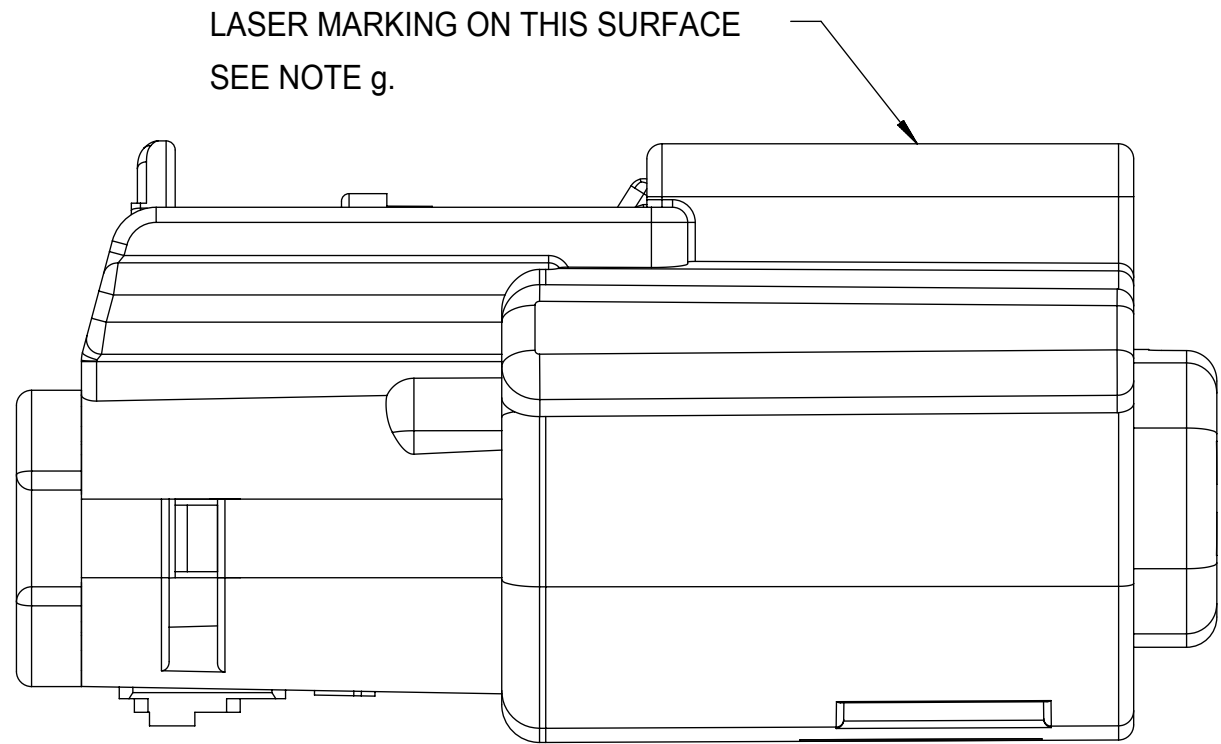
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4-5	BOM

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-33472-100
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - STANDARD (NON-SHRT) CONFIGURATIONS DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING SD-33481-041 AND EWCAP 150-S-004-1-Z03, AVAILABLE AT <http://ewcap.uscarteams.org/>
 - SHORTING BAR CONFIGURATIONS DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN DRAWING SD-31280-200
 - FOR 1.5mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z PRE-LOCK).
 - IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com <<http://www.molex.com>>.
 - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS:
 - ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN.
 - DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN, 40N MAX.
 - TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm AND NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.
 - b. PRODUCT SPECIFICATION SEE: PS-33471-000
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-903
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
2. DESIGN - MATERIALS:
 - a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
 - 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. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
 - f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
 - g. LASER MARKING: TBD

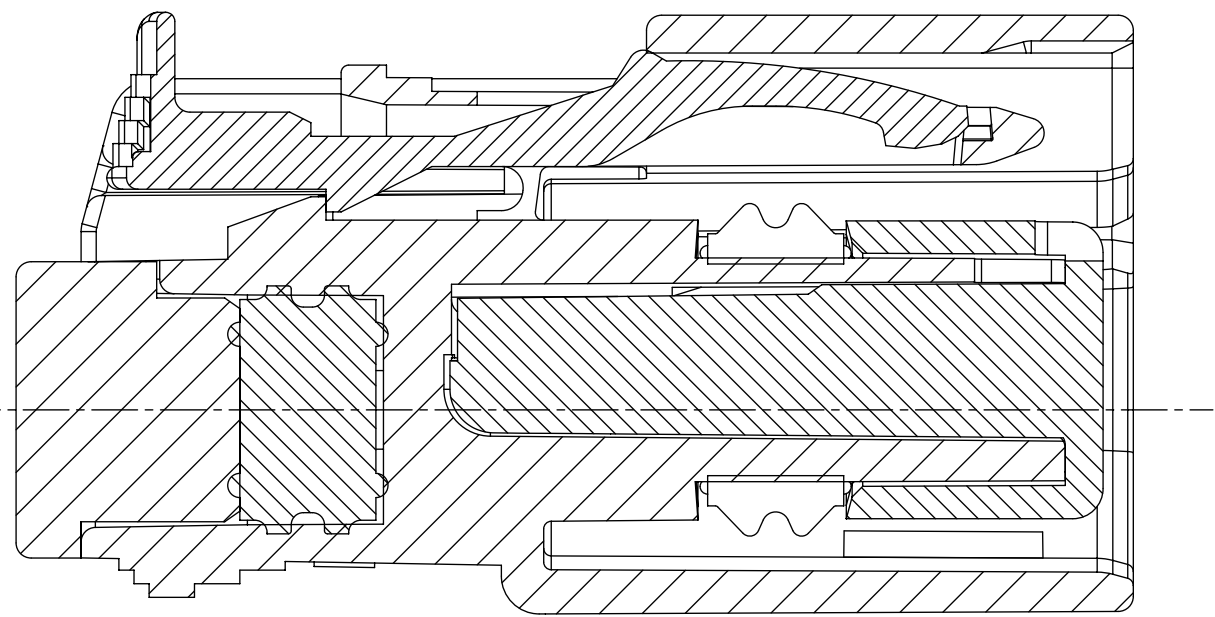
W6	ADD NEW P/N 33471-0497
W5	ADD NEW P/N 33471-0496
W4	ADD NEW P/N 33471-0495
W3	UPDATED THE DRAWING FRAME
W2	ADD NEW P/N 33471-0494
W1	ADD NEW P/N 33471-0493
W	REMOVE THE 33471-0489 CPA
REV	DESCRIPTION

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
 = 0  = 0  = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex MX150 1X4 RECEPTACLE SEALED ASSEMBLY MAT SEAL										
	mm		2:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	ANGULAR TOL ± 3.0 °					EC NO: 674870												
	4 PLACES		±		DRWN: SCV			2021/08/23										
	3 PLACES		±		CHK'D: GGA			2021/08/27										
	2 PLACES		± 0.1		APPR: GGA			2021/08/27										
1 PLACE		± 0.3		INITIAL REVISION:														
0 PLACES		±		DRWN: DGRIFITHS			2010/03/31											
				APPR: VKOSHY			2010/04/06											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
									D-SIZE		33471		SD-33471-041		PSD		002	
							D-SIZE		33471		SEE BOM		GENERAL MARKET				SHEET NUMBER 1 OF 6	



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y

CHARTED DIMENSIONS

CONFIGURATION	A	B
MX150 1X4 RECPT SEALED ASSY - STANDARD	36.95 ±0.70	29.14
MX150 1X4 RECPT SEALED ASSY - ERGO	36.95 ±0.90	29.33
MX150 1X4 RECPT SEALED ASSY - SHORTING (SHRT) BAR	36.95 ±0.70	29.14

FUNCTIONAL SYMBOLS FA = 0 FC = 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	SCALE				
	mm	4:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
DIVISIONAL SYMBOLS	ANGULAR TOL	± 3.0°				
	4 PLACES	±				
	3 PLACES	±				
	2 PLACES	± 0.1				
	1 PLACE	± 0.3				
	0 PLACES	±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			D-SIZE	33471	SEE BOM	GENERAL MARKET

molex

MX150 1X4 RECEPTACLE
SEALED ASSEMBLY MAT SEAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33471-041	PSD	002	W6

EC NO: 674870	2021/08/23
DRWN: SCV	2021/08/27
CHK'D: GGA	2021/08/27
APPR: GGA	2021/08/27
INITIAL REVISION:	
DRWN: DGRIFITHS	2010/03/31
APPR: VKOSHY	2010/04/06

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/27	04:44:52
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