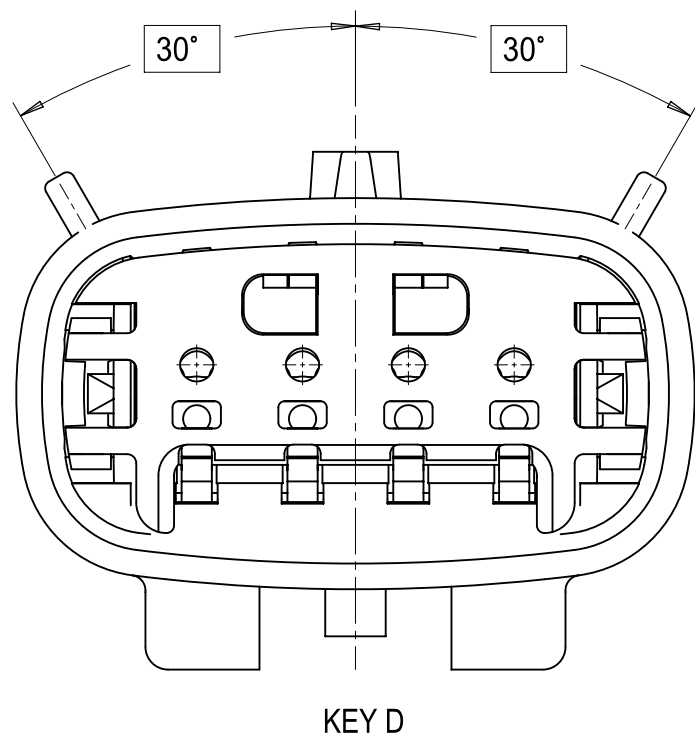
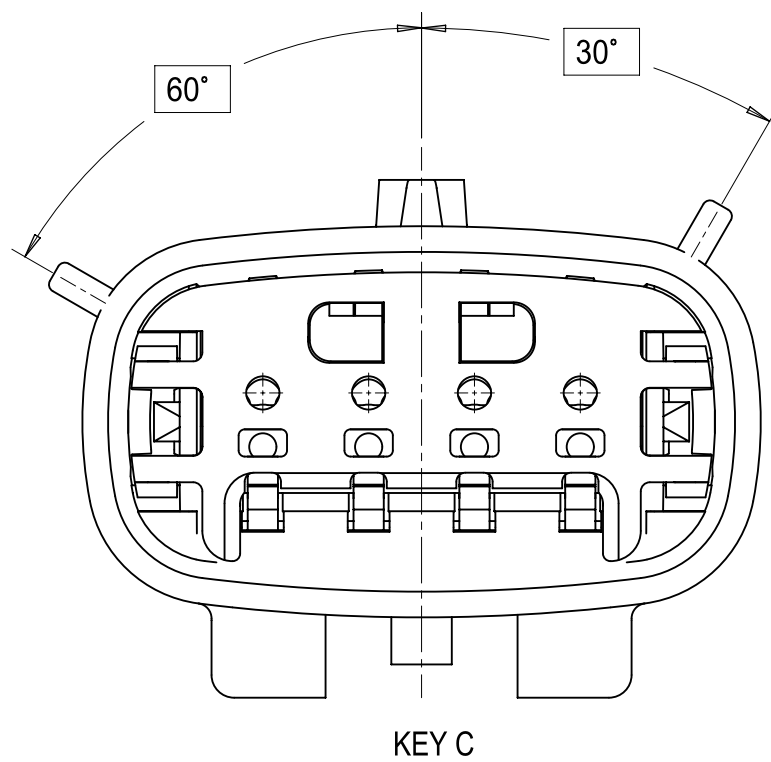
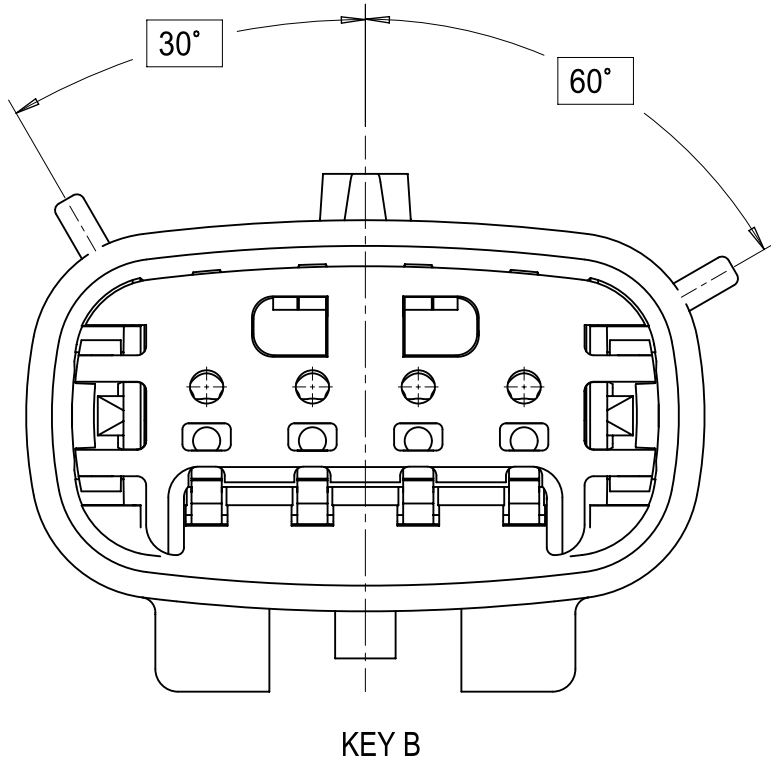
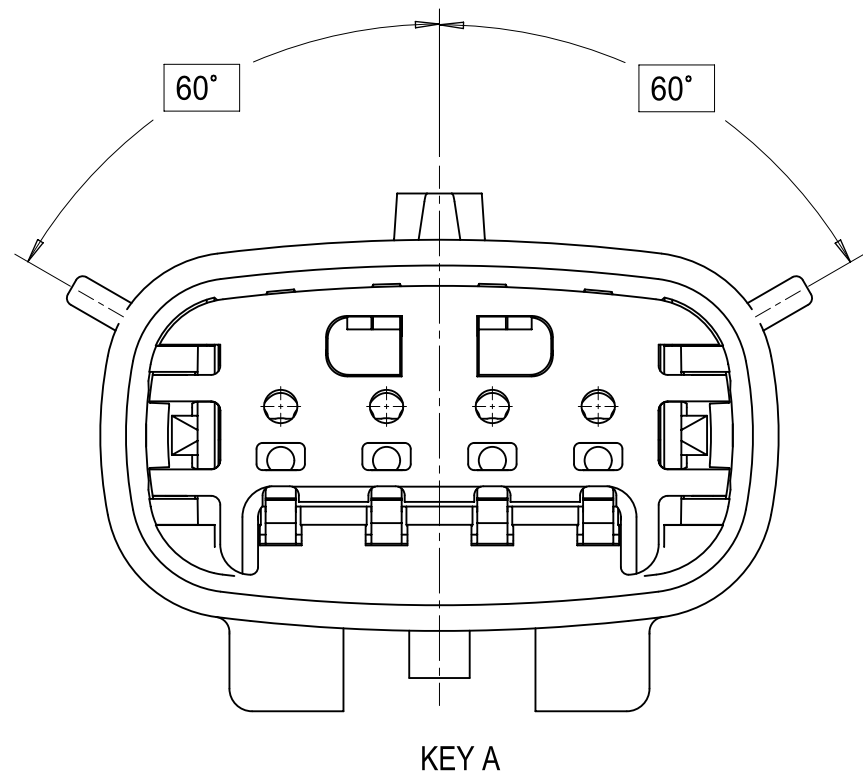
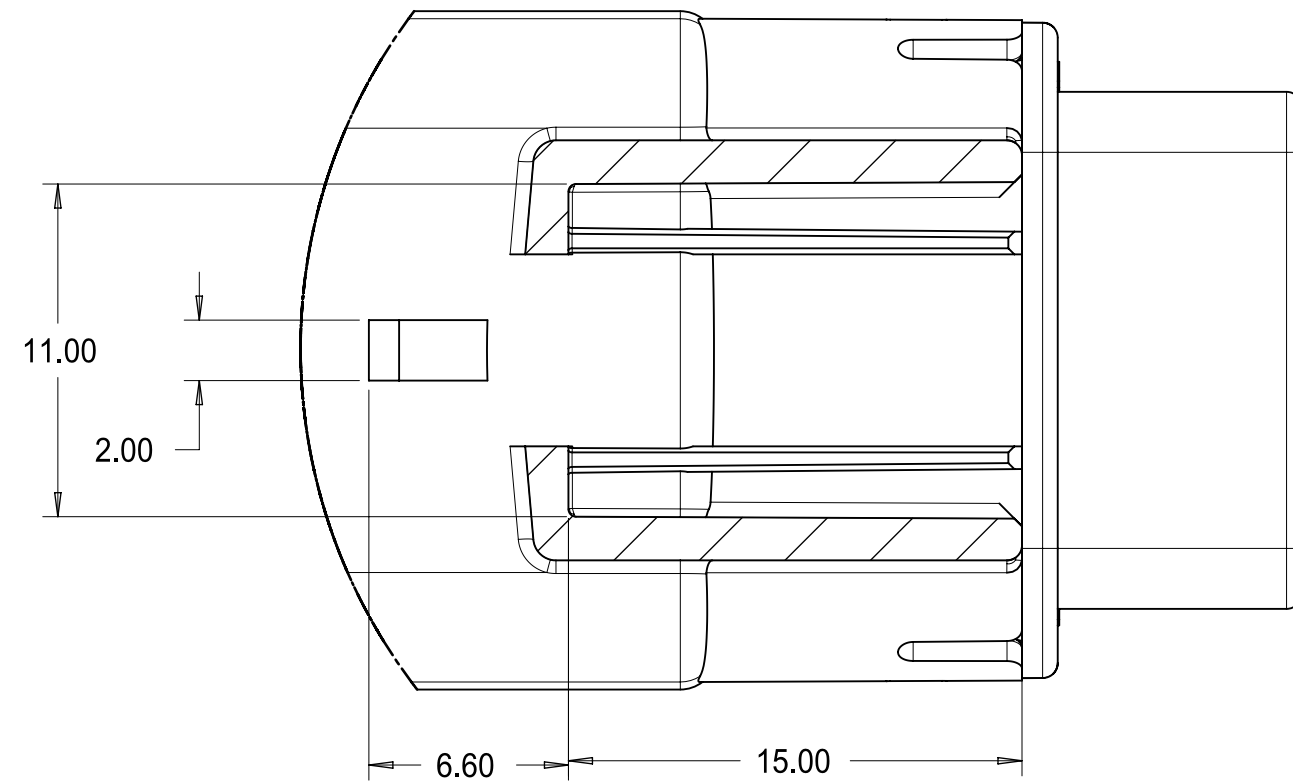
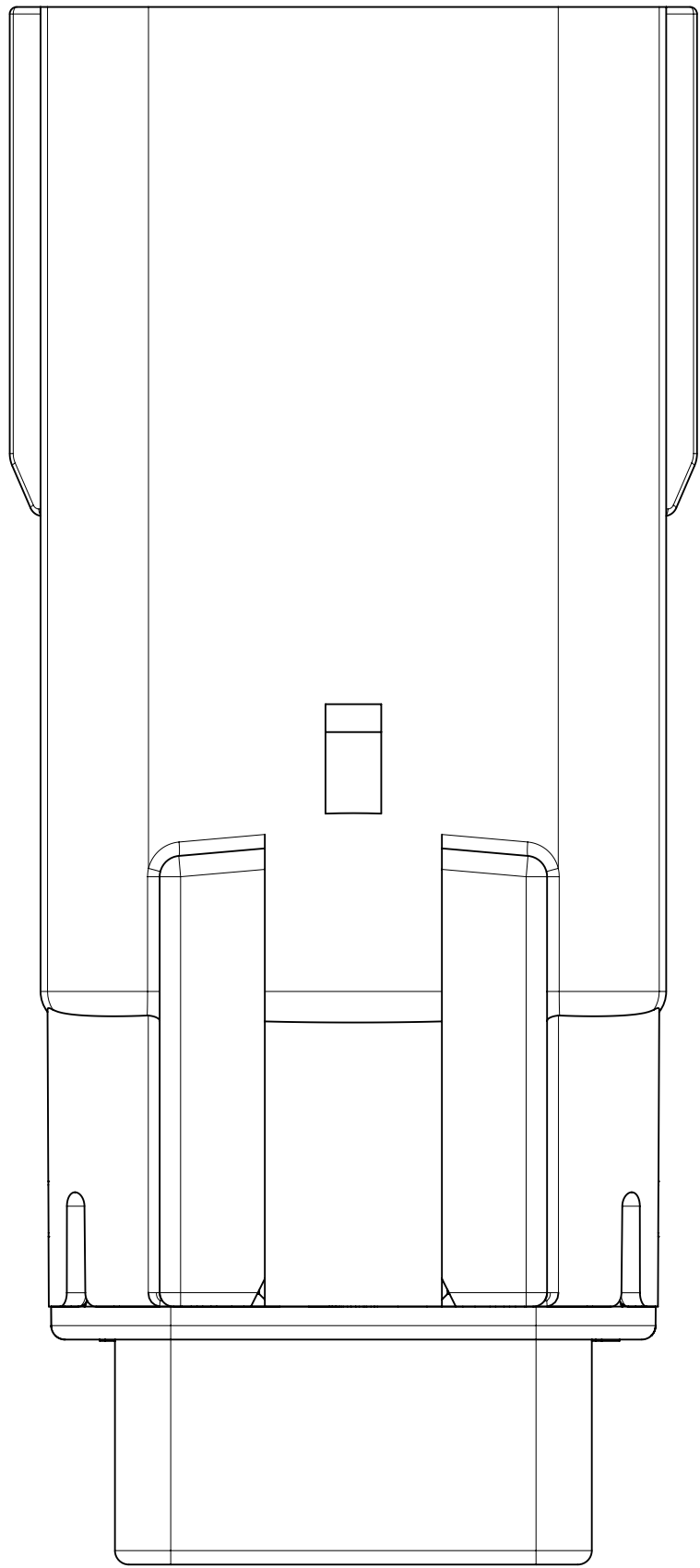
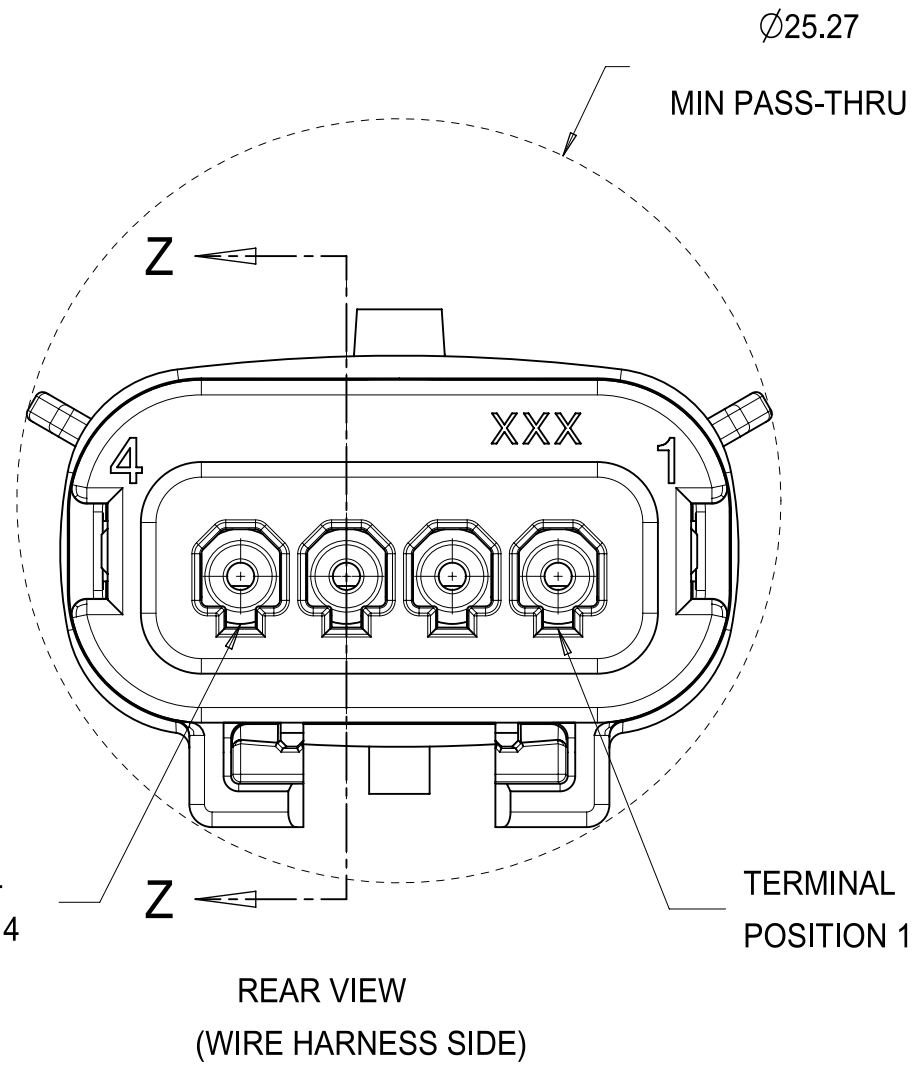
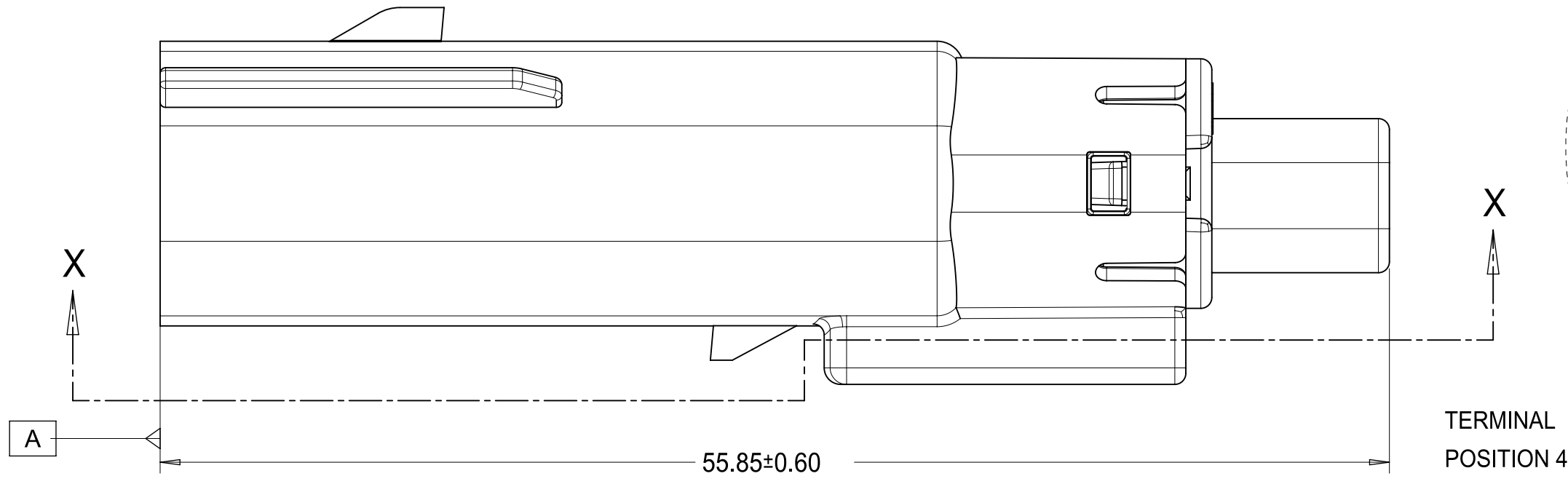
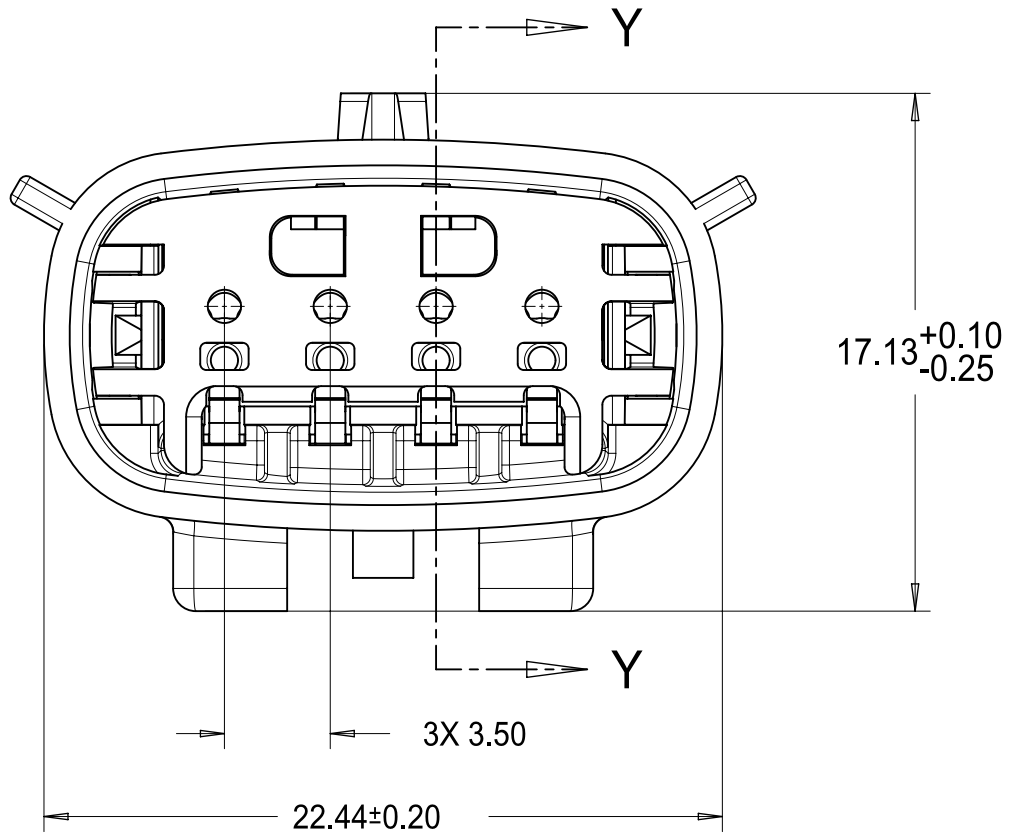
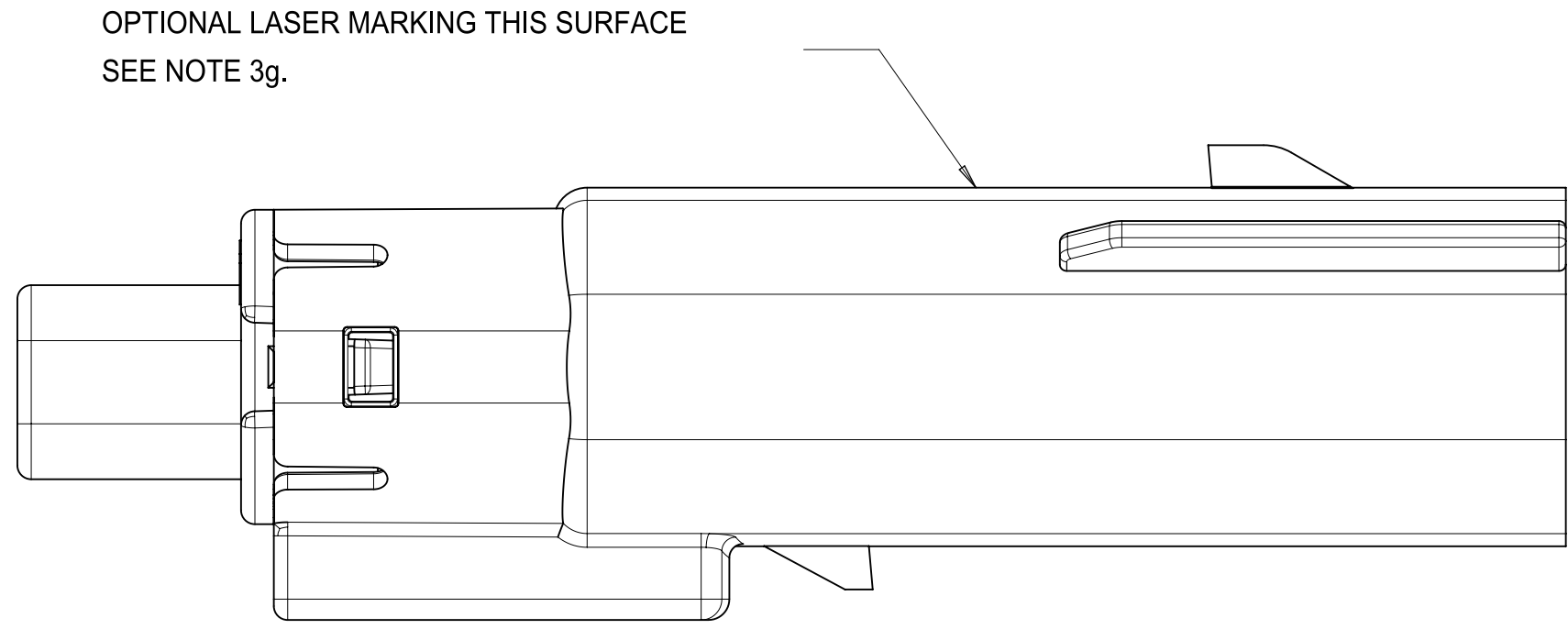


KEY CONFIGURATIONS

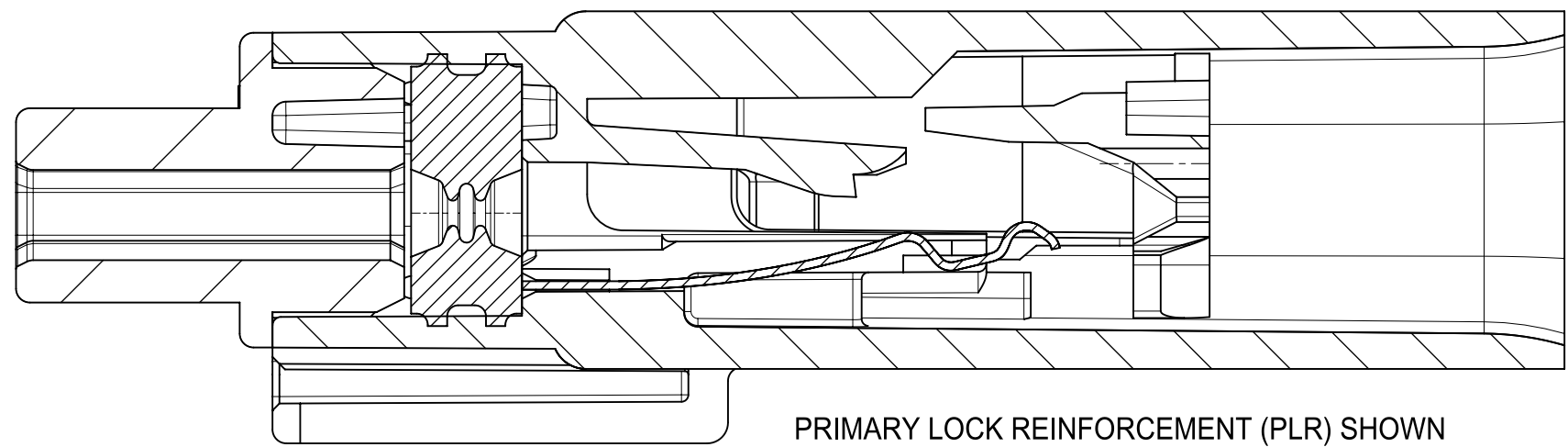


REFERENCE
USE ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
QUALITY SYMBOLS															
= 0		EC NO: CO-00001228 DRWN: MattYoung CHK'D: Joe Fox APPR: Katy Boruszewski	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE							
= 0			ANGULAR TOL ± 1 °			mm		4:1							
= 0						DRWN BY		DATE		MX150 1X4 BLADE SEALED ASSEMBLY					
= 0			4 PLACES ± 0			RFC_PLMIMP									
= 0			3 PLACES ± 0			CHK'D BY		DATE		G Customer Product Dwg					
= 0			2 PLACES ± 0.1			MDICK		2013/03/22							
= 0			1 PLACE ± 0.3			APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER					
= 0			0 PLACES ± 0												31280 SEE BOM GENERAL MARKET
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER					
K3						D									SD-31280-200 PSD 001 2 OF 5

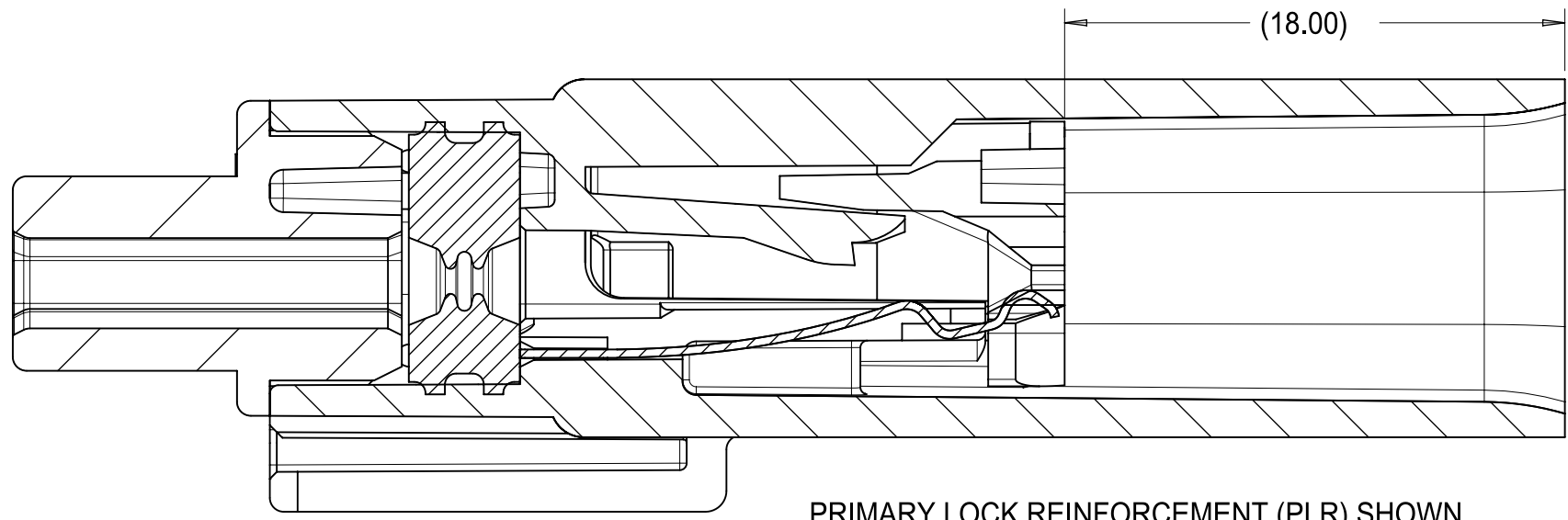


SECTIONX-X
SCALE 4:1



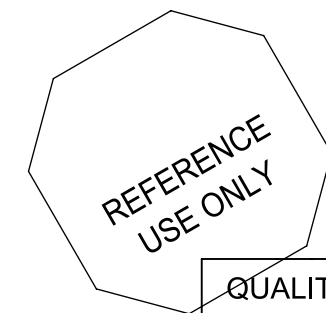
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z

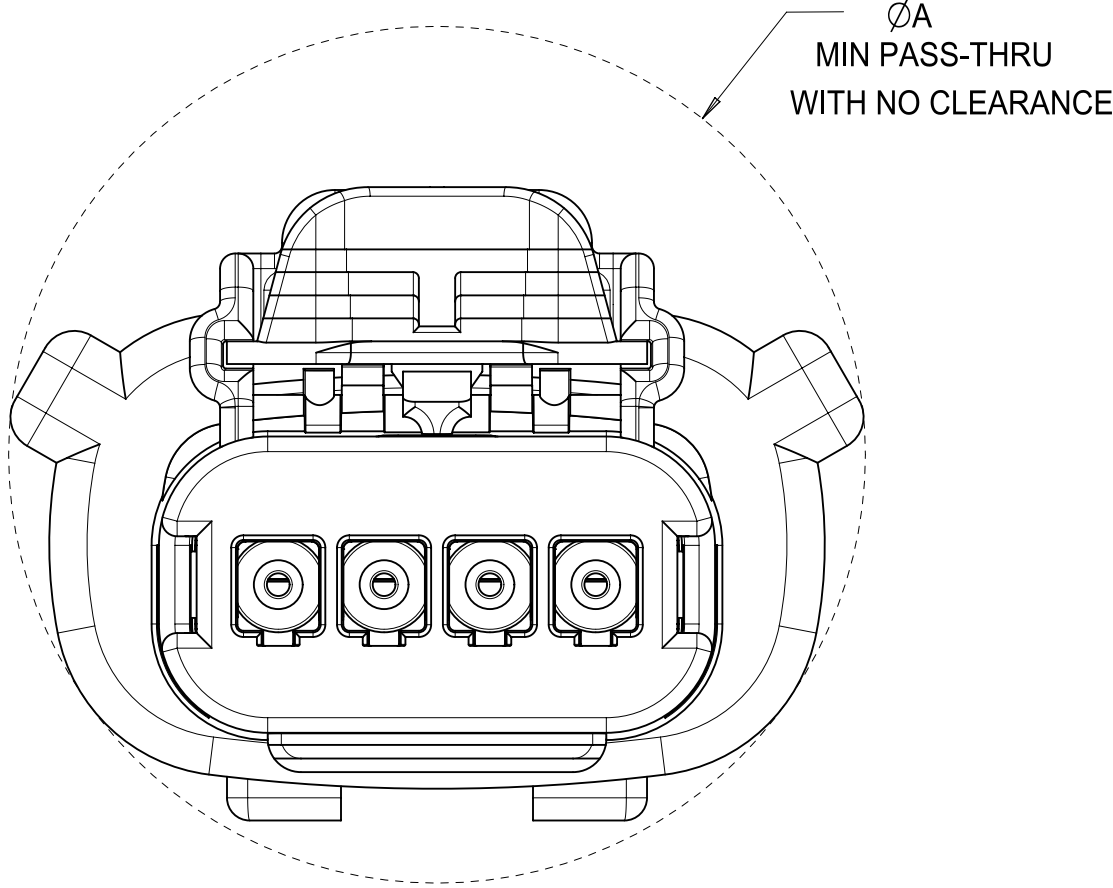
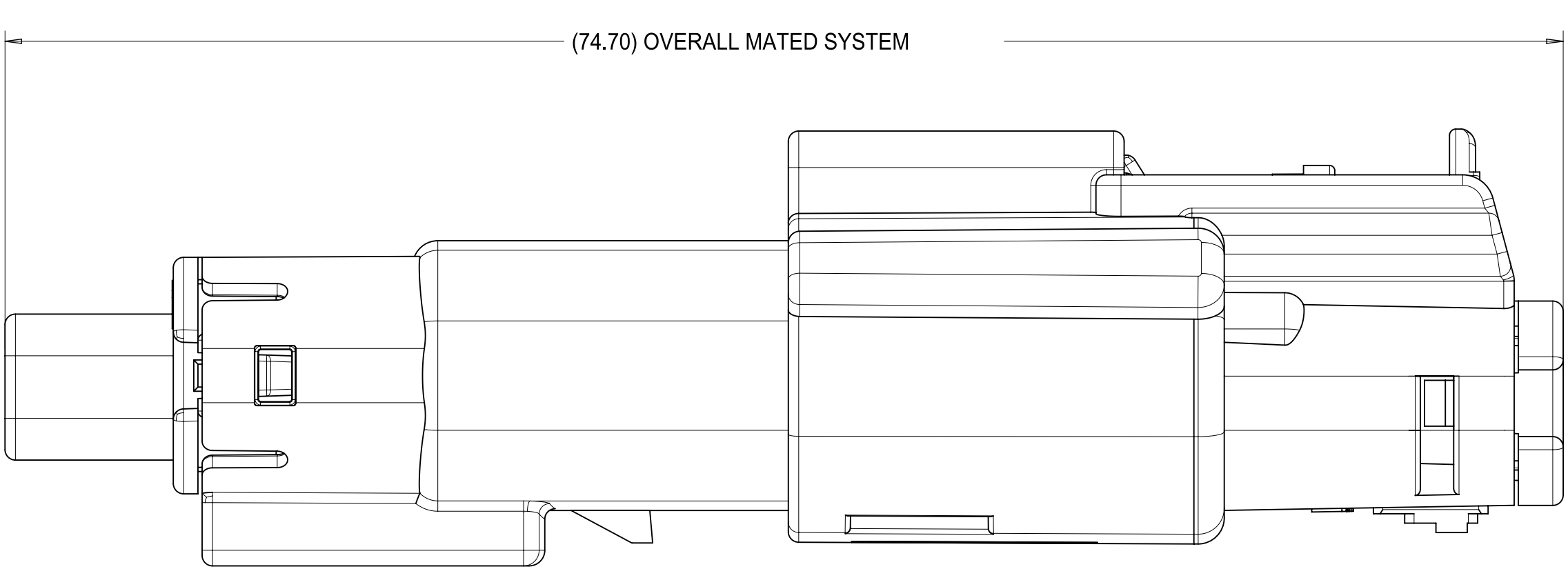


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y



QUALITY SYMBOLS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
	=	0	EC NO: CO-00001228 DRWN: MattYoung CHK'D: Joe Fox APPR: Katy Bonuszewski	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	MX150 1X4 BLADE SEALED ASSEMBLY G Customer Product Dwg <table><tr><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>31280</td><td>SEE BOM</td><td colspan="2">GENERAL MARKET</td></tr><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>SHEET NUMBER</td></tr><tr><td>SD-31280-200</td><td>PSD</td><td>001</td><td>3 OF 5</td></tr></table>				SERIES	MATERIAL NUMBER	CUSTOMER		31280	SEE BOM	GENERAL MARKET		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	SD-31280-200	PSD	001	3 OF 5
SERIES	MATERIAL NUMBER	CUSTOMER																								
31280	SEE BOM	GENERAL MARKET																								
DOCUMENT NUMBER	DOC TYPE	DOC PART			SHEET NUMBER																					
SD-31280-200	PSD	001			3 OF 5																					
	=	0			ANGULAR TOL ± 1 °	RFC_PLMIMP																				
	=	0			4 PLACES ± 0	CHK'D BY DATE																				
	=	0			3 PLACES ± 0	MDICK 2013/03/22																				
	=	0			2 PLACES ± 0.1	APPR BY DATE																				
	=	0			1 PLACE ± 0.3																					
	=	0	0 PLACES ± 0	DRAWING SIZE THIRD ANGLE PROJECTION																						
	=	0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	D																						
	=	0	K3	REV																						



CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X4 RECPT SEALED ASSY - STANDARD	29.14
MX150 1X4 RECPT SEALED ASSY - ERGO	29.33
MX150 1X4 RECPT SEALED ASSY - SHORTING (SHRT) BAR	29.14

REFERENCE
USE ONLY

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									
	= 0	EC NO: CO-00001228 DRWN: MattYoung CHKD: Joe Fox APP: Katy Boruszewski	#####	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® MX150 1X4 BLADE SEALED ASSEMBLY G Customer Product Dwg <table><tr><th>SERIES</th><th>MATERIAL NUMBER</th><th>CUSTOMER</th></tr><tr><td>31280</td><td>SEE BOM</td><td>GENERAL MARKET</td></tr><tr><th>DOCUMENT NUMBER</th><th>DOC TYPE</th><th>DOC PART</th><th>SHEET NUMBER</th></tr><tr><td>SD-31280-200</td><td>PSD</td><td>001</td><td>4 OF 5</td></tr></table>				SERIES	MATERIAL NUMBER	CUSTOMER	31280	SEE BOM	GENERAL MARKET	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	SD-31280-200	PSD	001	4 OF 5
SERIES	MATERIAL NUMBER			CUSTOMER																							
31280	SEE BOM			GENERAL MARKET																							
DOCUMENT NUMBER	DOC TYPE			DOC PART	SHEET NUMBER																						
SD-31280-200	PSD			001	4 OF 5																						
	= 0			ANGULAR TOL ± 1 °		mm		4:1																			
	= 0			4 PLACES ± 0		DRWN BY		DATE																			
	= 0			3 PLACES ± 0		RFC_PLMIMP																					
	= 0			2 PLACES ± 0.1		CHK'D BY		DATE																			
	= 0			1 PLACE ± 0.3		MDICK 2013/03/22																					
	= 0	0 PLACES ± 0		APPR BY		DATE																					
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION																					
	= 0			D																							
	= 0	K3	REV																								

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	RECEPTACLE CONNECTOR ASSEMBLY
6	BACKSHELL NOTES
7	BACKSHELL
8	BACKSHELL CONFIGURATIONS

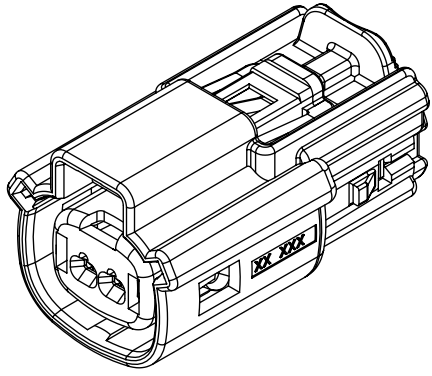
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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)

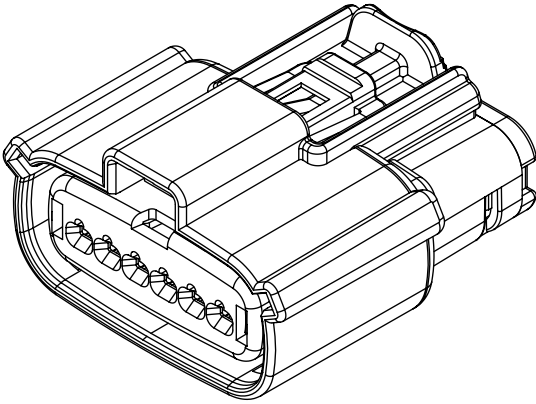
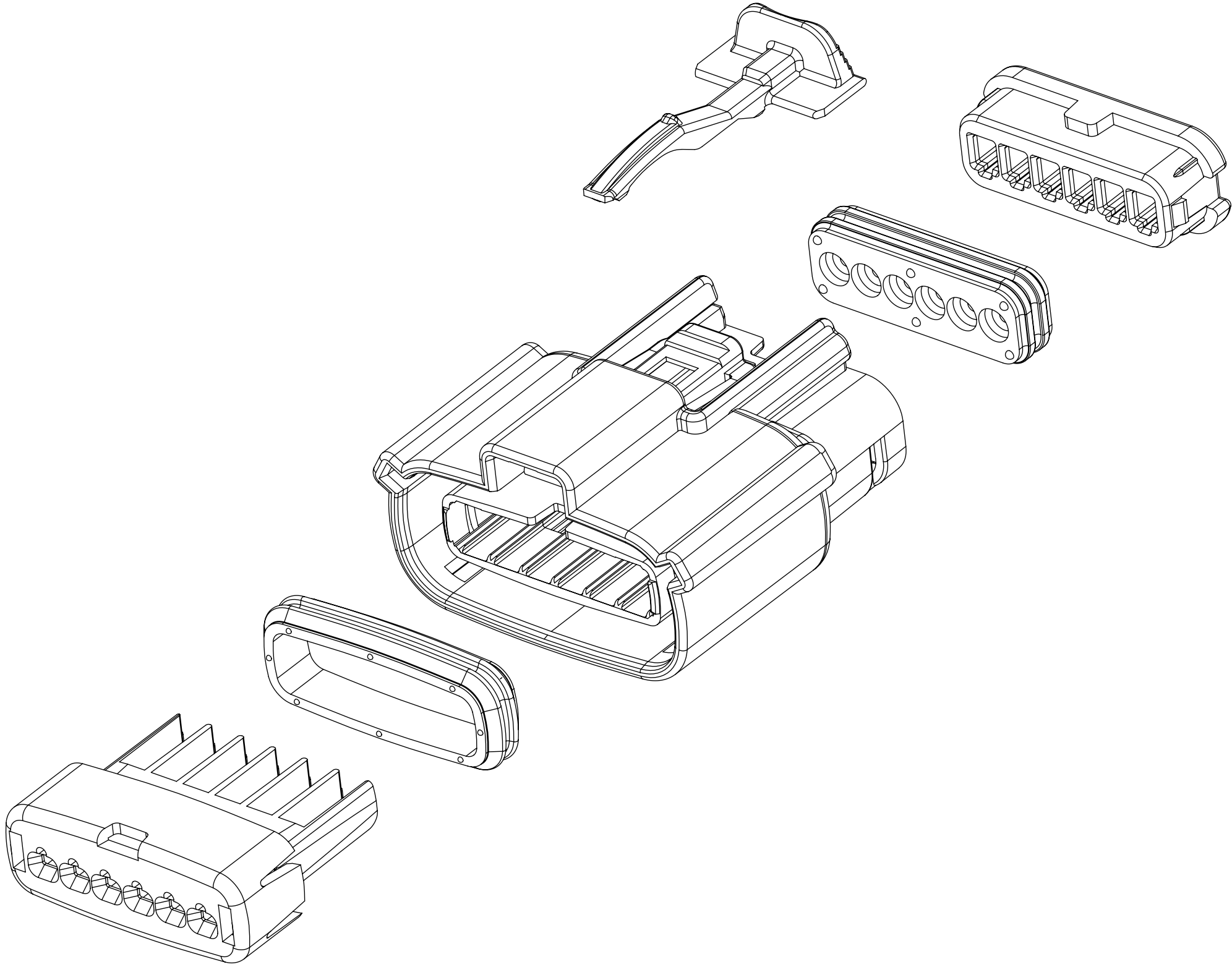
2. DESIGN - MATERIALS:
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION SD-33471-0002
- UL V0 CONFIGURATION SD-160105-0002
3. DESIGN - GEOMETRY:
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT 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

FUNCTIONAL SYMBOLS FA = 0 FC = 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																
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex									
	mm		1.5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 643941 DRWN: XLDONG032020/08/21 CHK'D: JDENG022020/08/26 APPR: JDENG022020/08/26			MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL									
	ANGULAR TOL ±		1.0 °														
	4 PLACES		±		INITIAL REVISION: DRWN: APROFFITT2015/11/04 APPR: KDEKOSHI2016/06/14			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		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
1 PLACE		± 0.2															
0 PLACES		±															
						D-SIZE		33471		SEE NOTE 2a		GENERAL MARKET		1 OF 8			

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

SHEET DESCRIPTION				1X2															
KEY CONFIGURATIONS																			

SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.

KEY CONFIGURATIONS CONT.

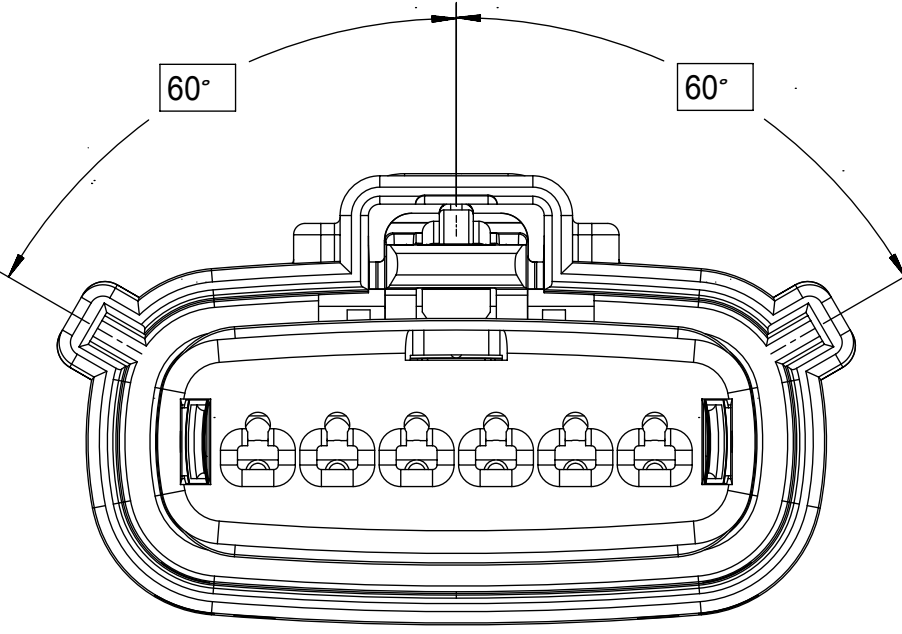
1X6

KEY A

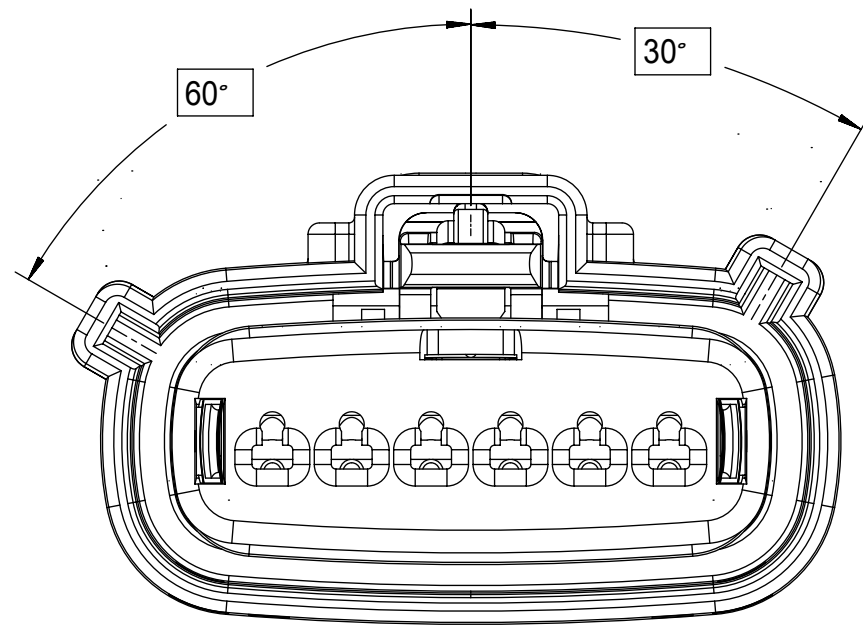
KEY B

KEY C

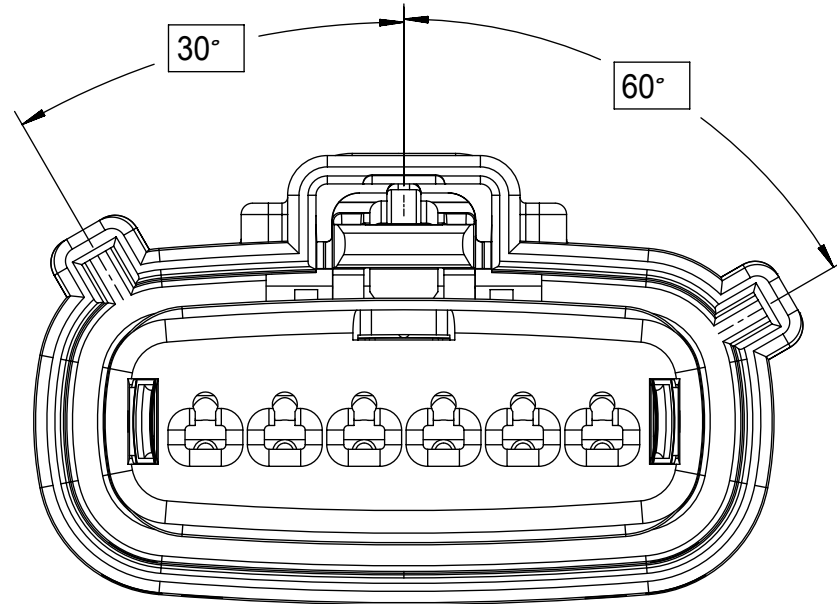
KEY D



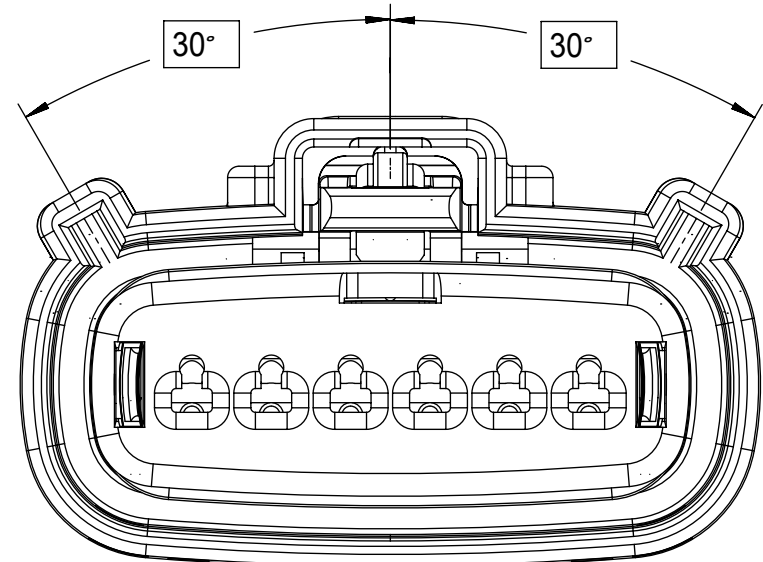
KEY A



KEY B



KEY C

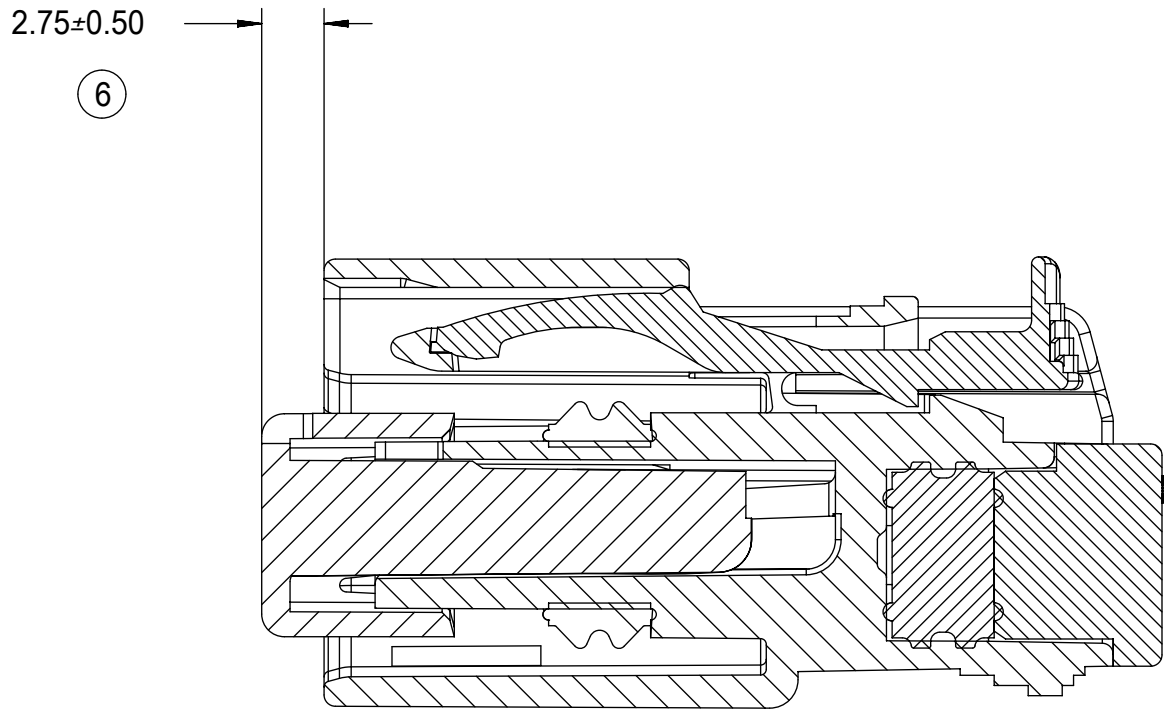
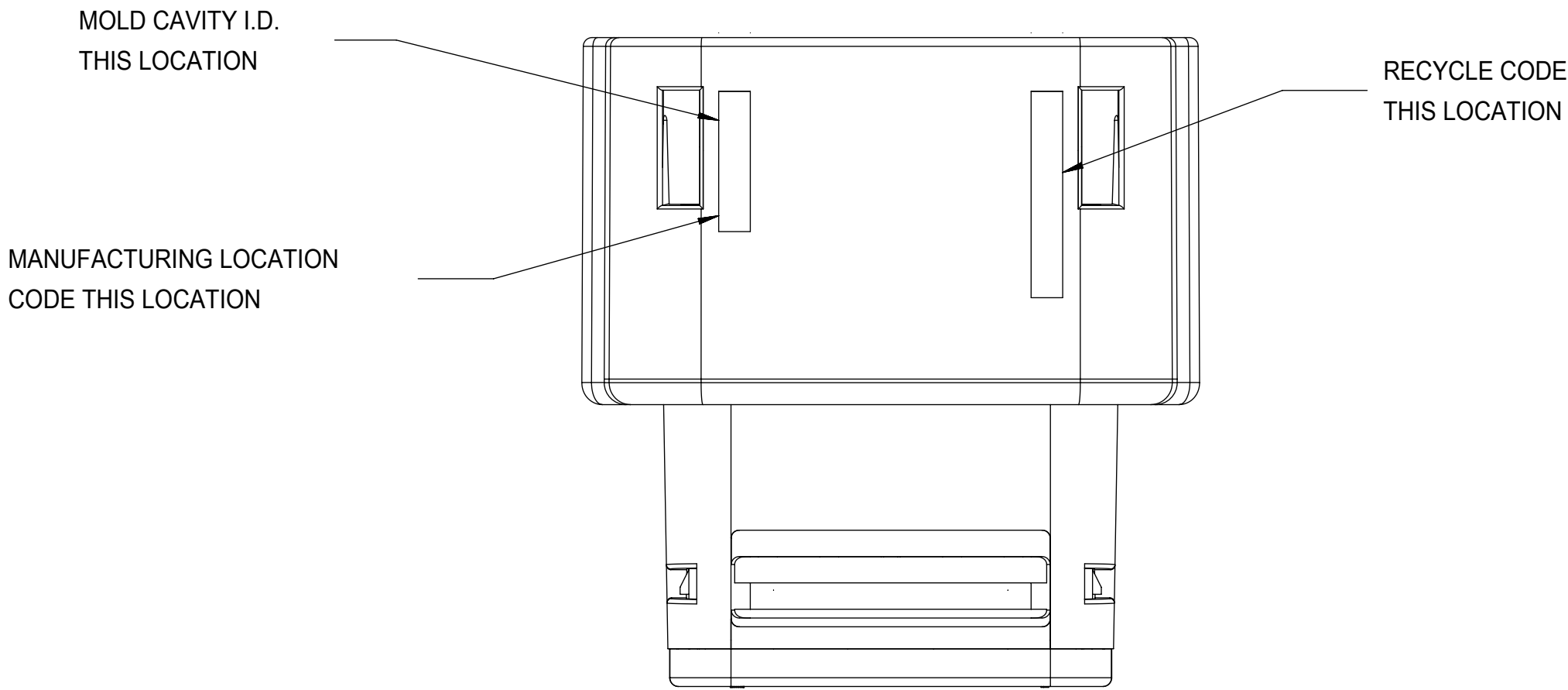
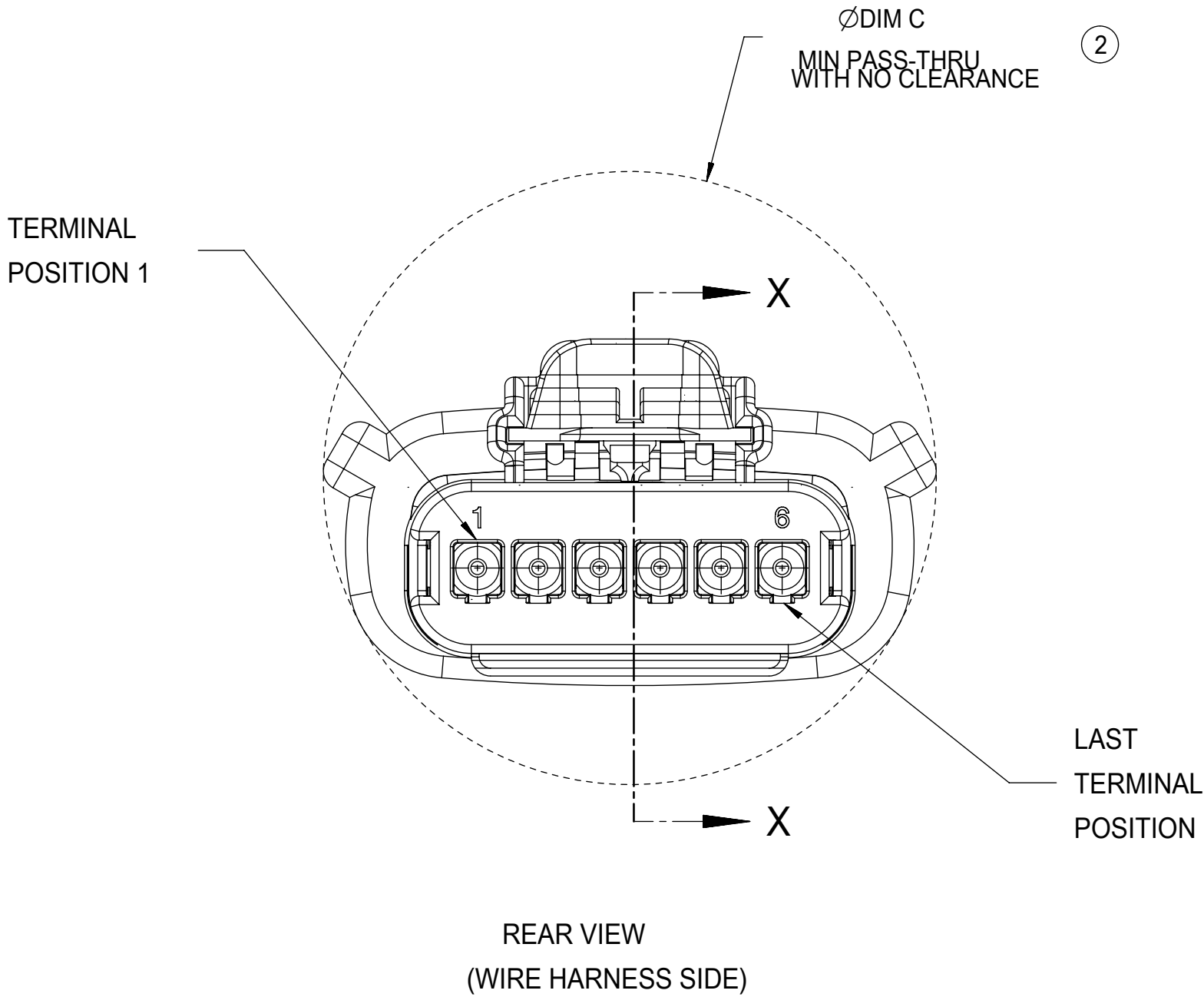
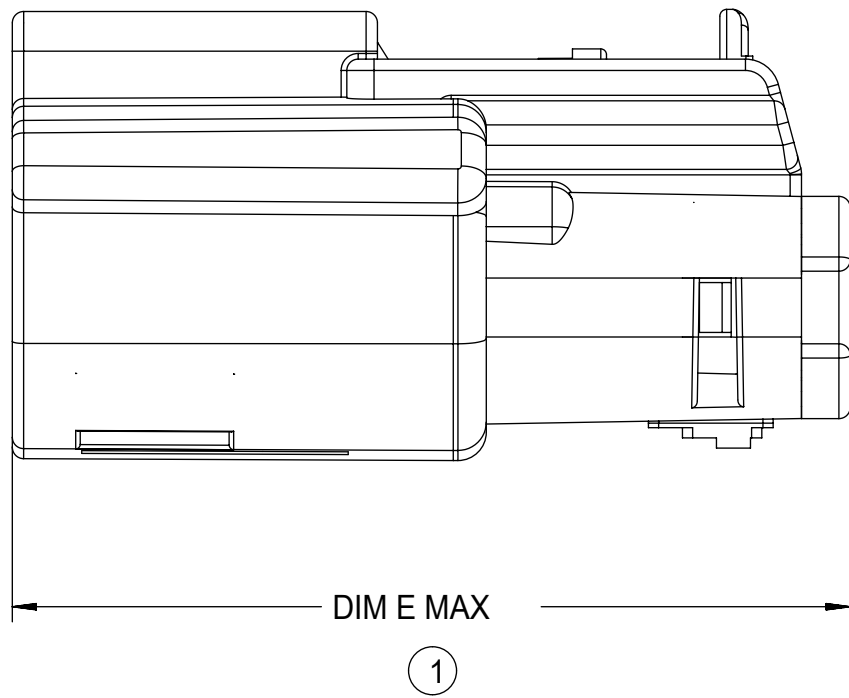
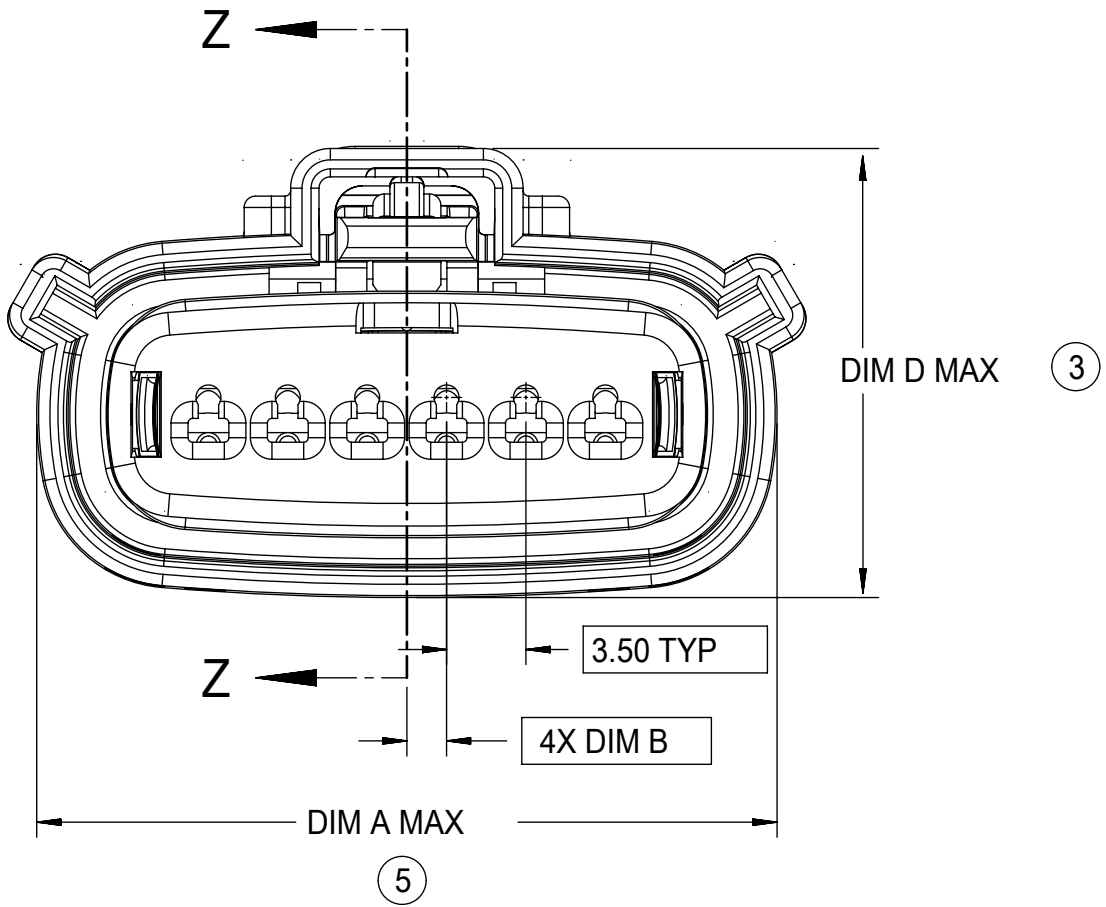
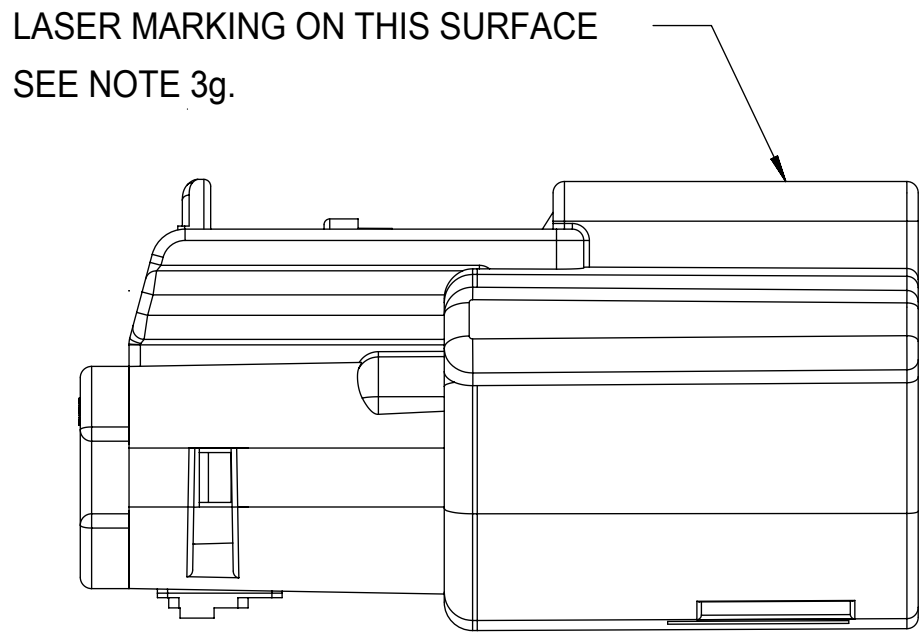
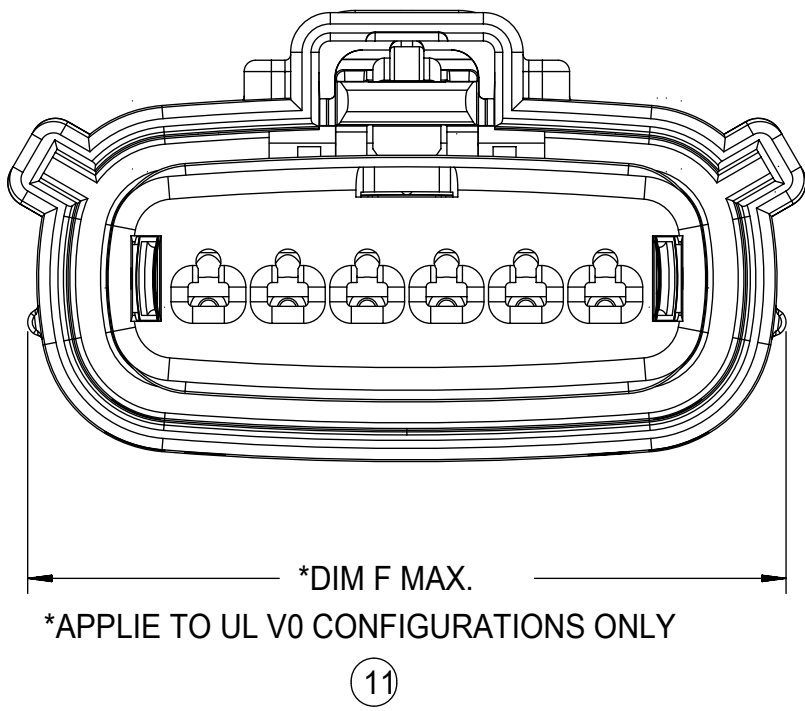


KEY D

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

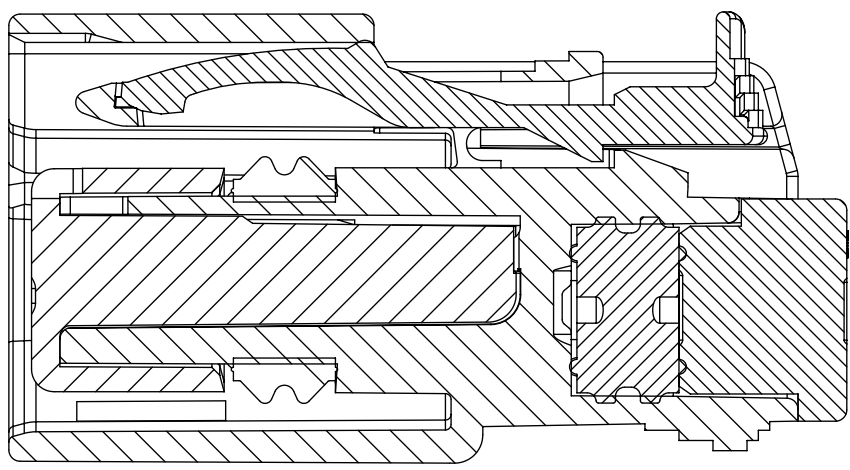
SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY - STD



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

SECTION Z-Z



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:			molex										
	mm		3:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL													
	ANGULAR TOL ± 1.0 °																	
	4 PLACES		±		EC NO: 643941 DRWN: XLDONG03 2020/08/21 CHK'D: JDENG02 2020/08/26 APPR: JDENG02 2020/08/26													
	3 PLACES		±															
2 PLACES		± 0.1		PRODUCT CUSTOMER DRAWING														
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	
							D-SIZE		33471		SD-33471-0001		PSD		001		A1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER		
										SEE NOTE 2a		GENERAL MARKET				5 OF 8		

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

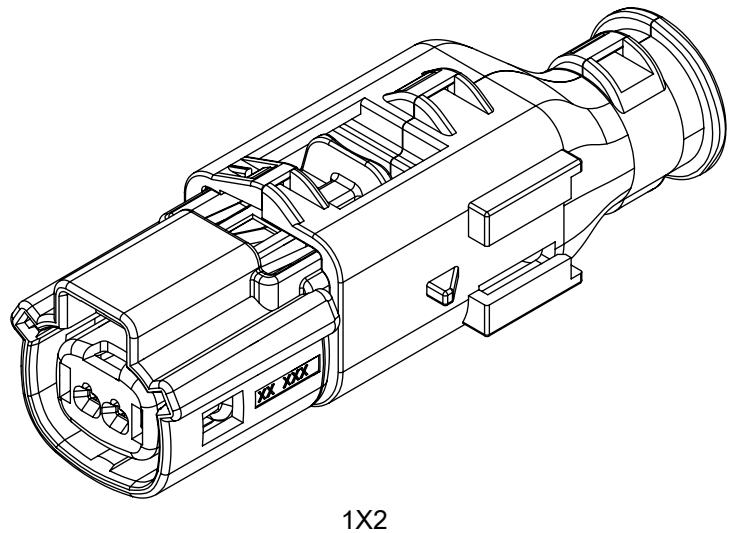
DOCUMENT STATUS	P1	RELEASE DATE	2020/08/26	07:23:52
-----------------	----	--------------	------------	----------

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

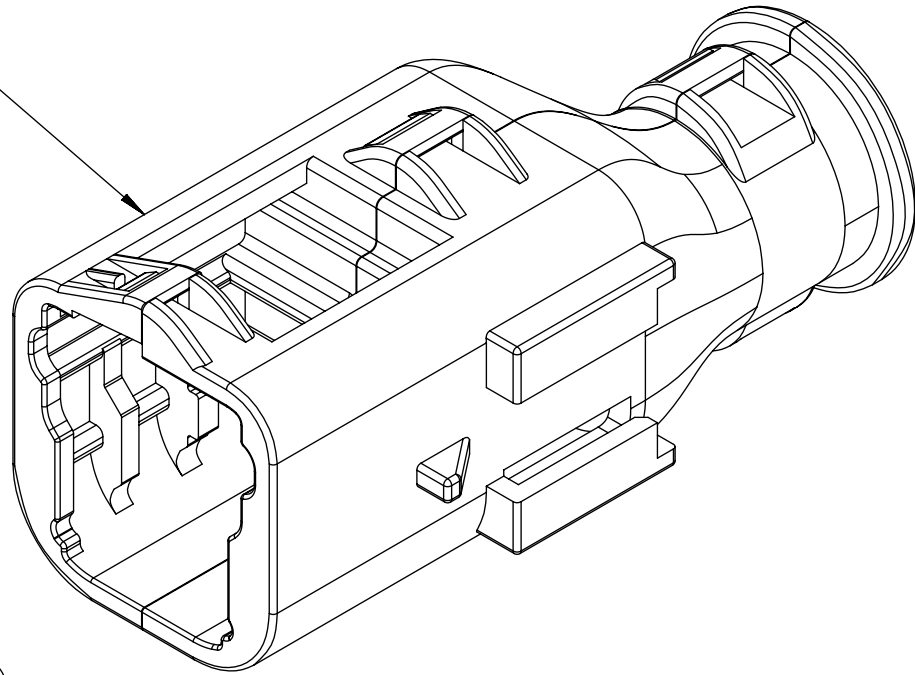
34949-XXXX

- 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

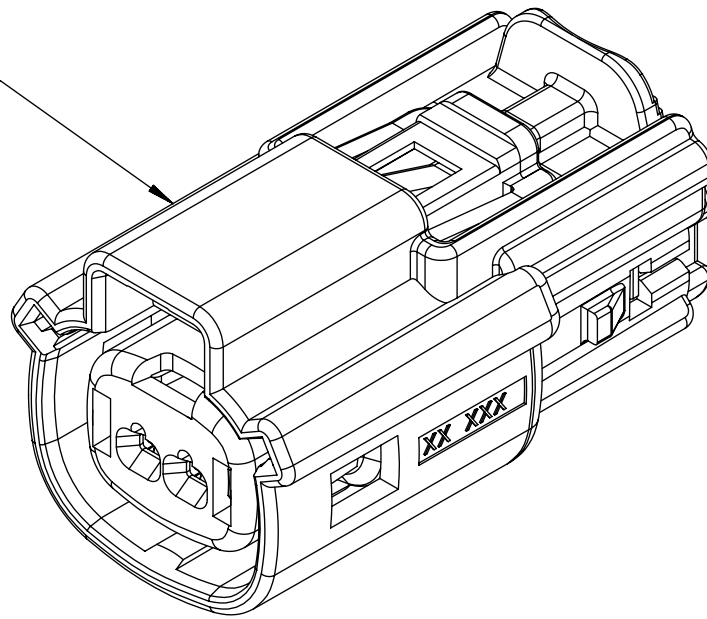
- BACKSHELL FEATURES
- 1 - WITH RIBS
 - 2 - WITHOUT RIBS

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

BACKSHELL (BKS)



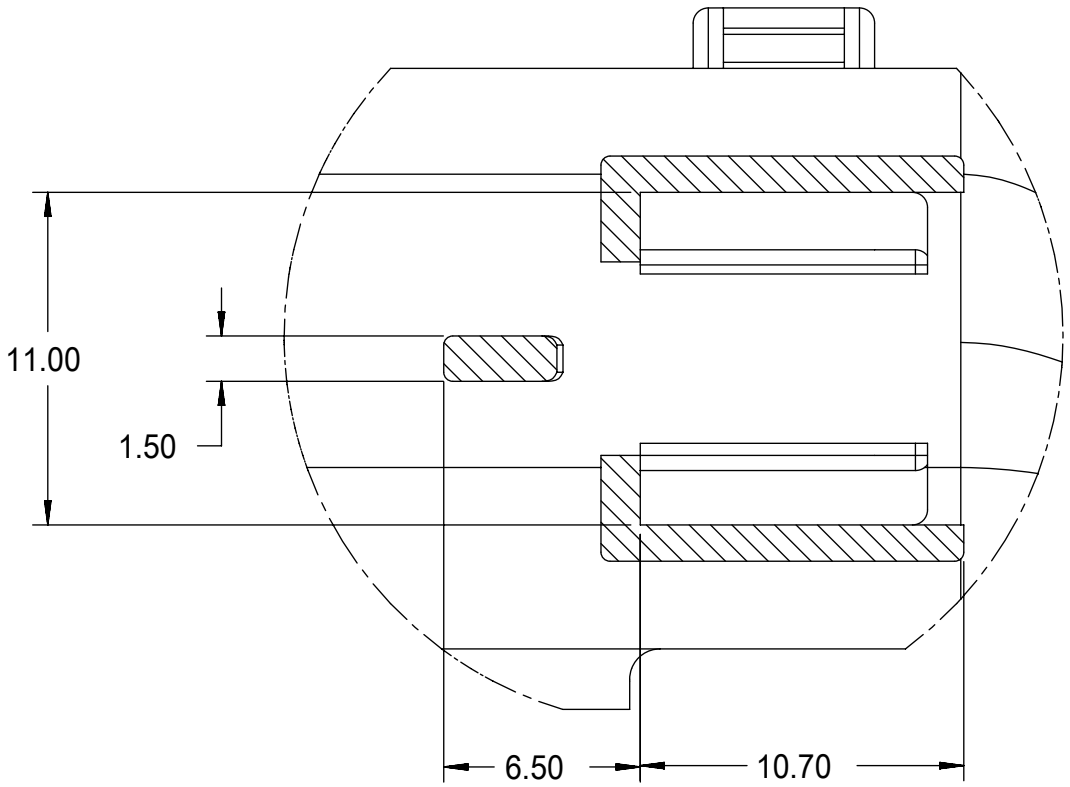
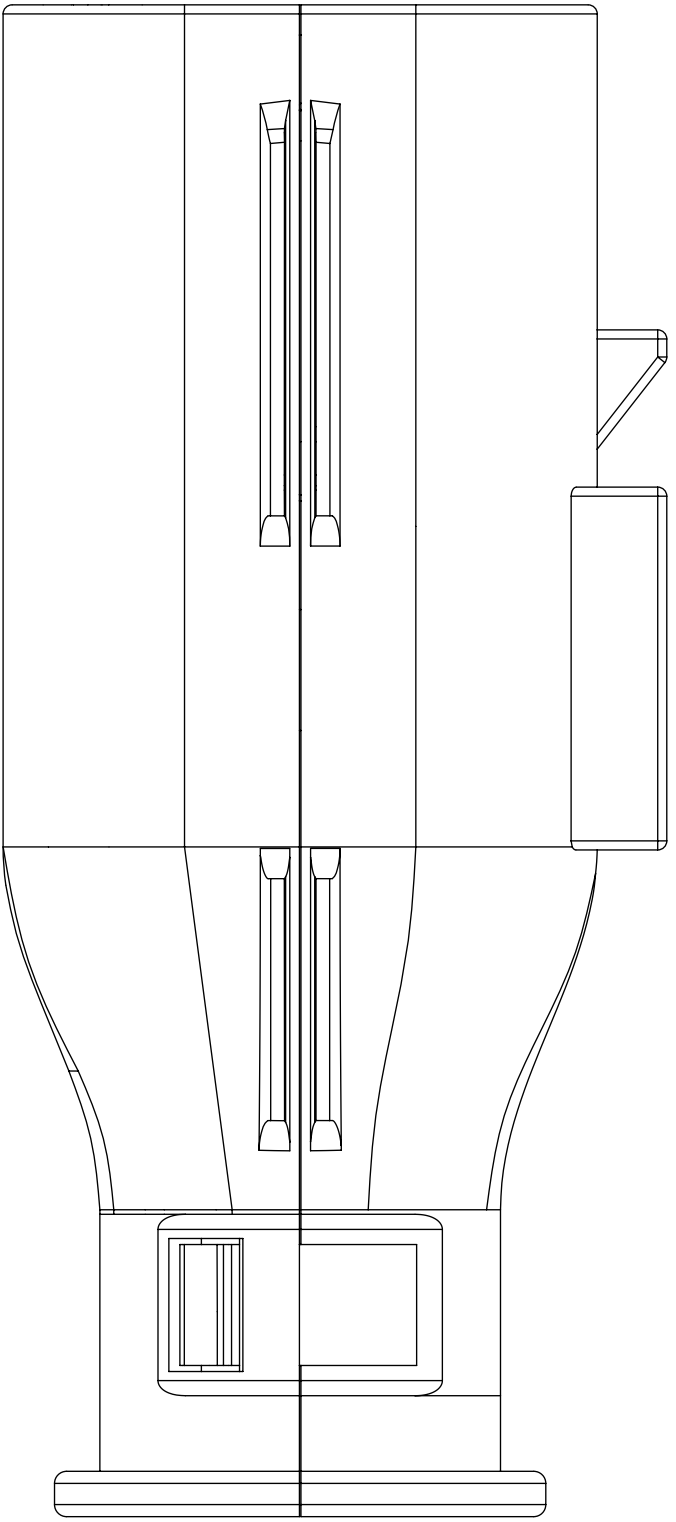
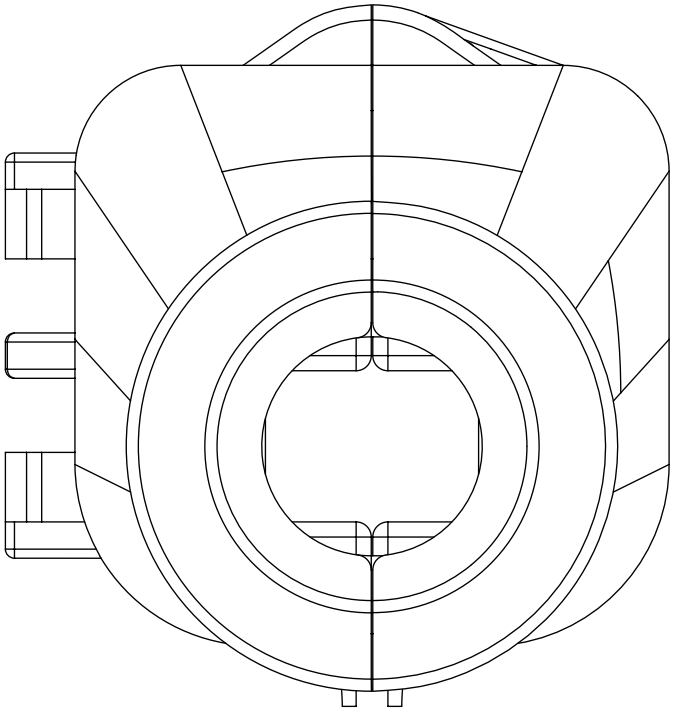
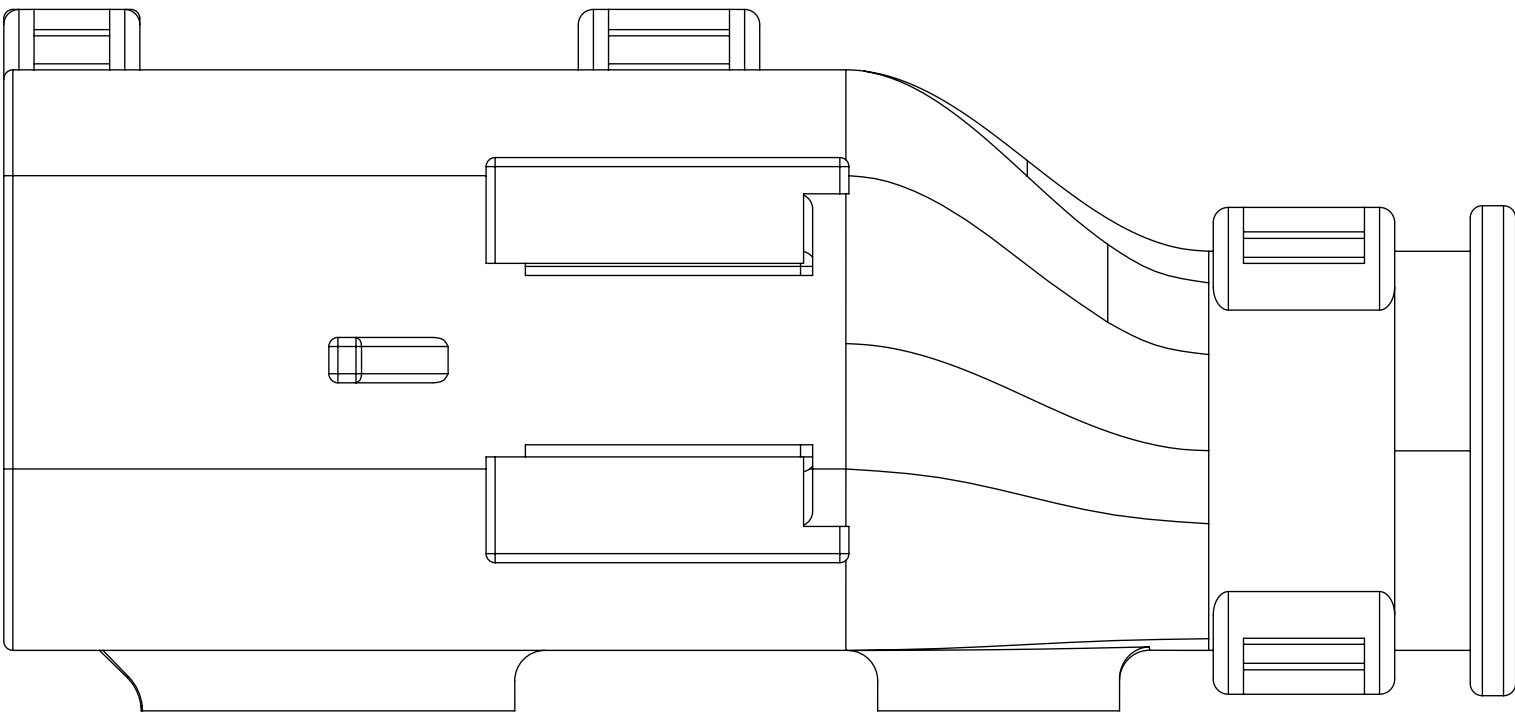
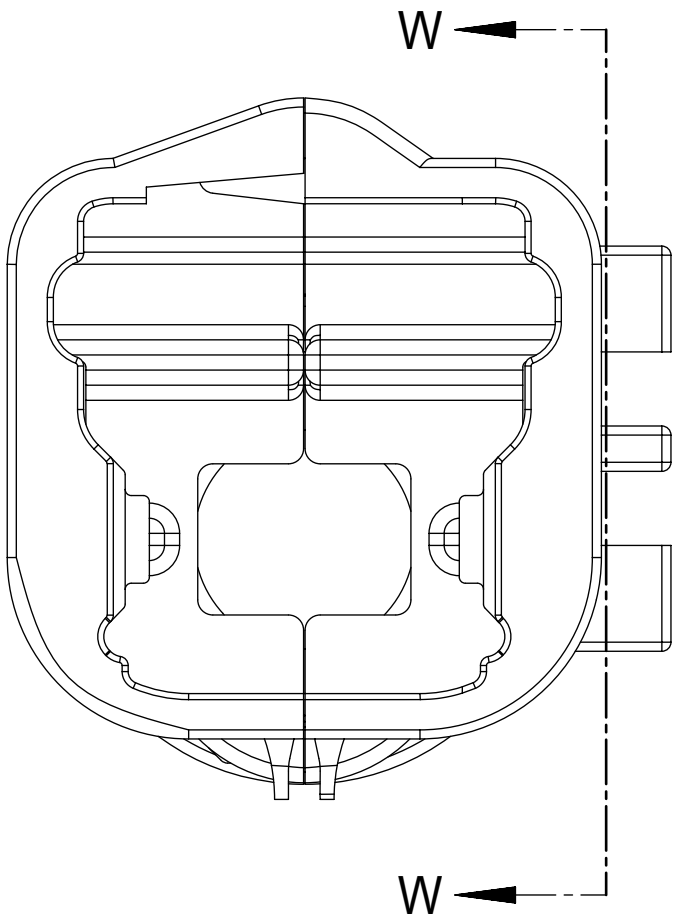
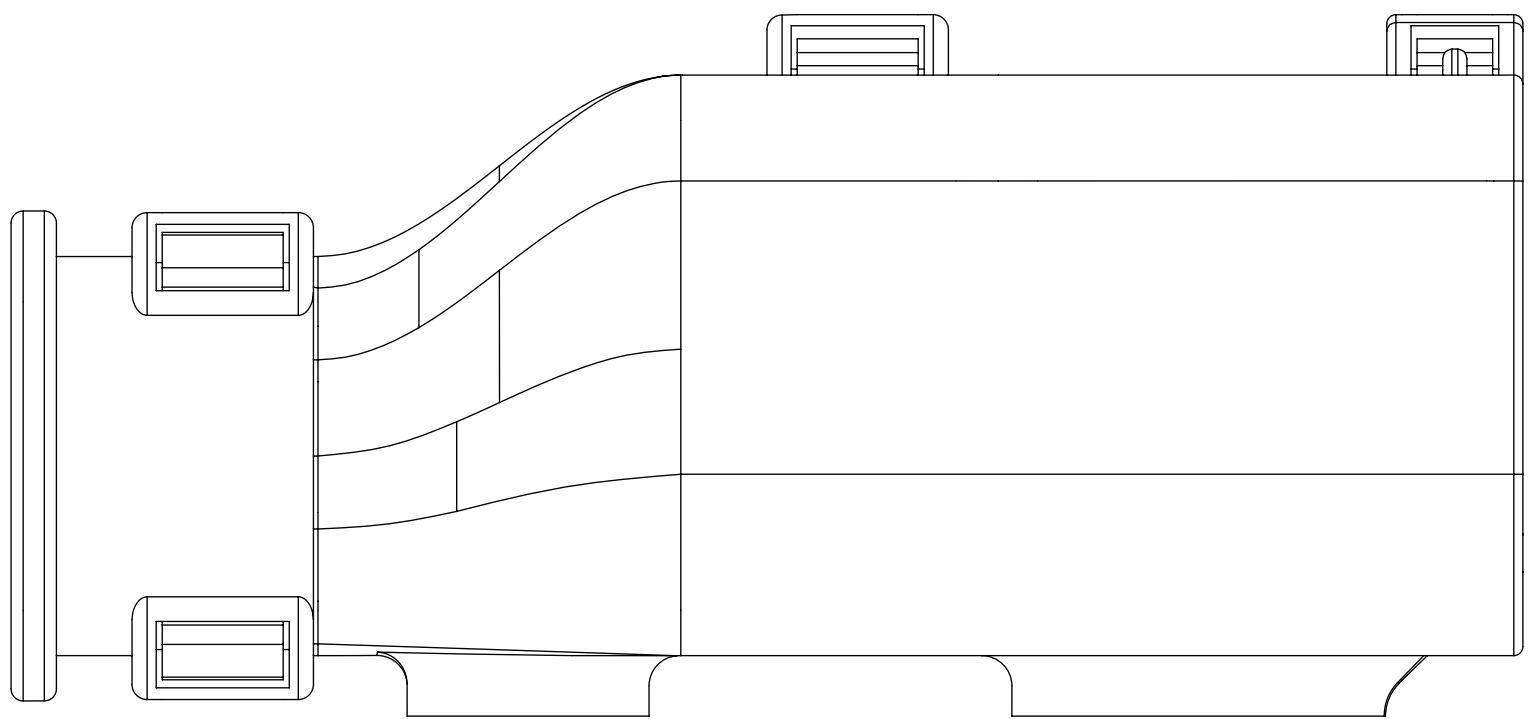
RECEPTACLE SEALED ASSEMBLY



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex				
	mm		4:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)									MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL				
	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									
	0 PLACES		±		INITIAL REVISION:		DOCUMENT NUMBER SD-33471-0001			DOC TYPE PSD	DOC PART 001	REVISION A1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING D-SIZE		SERIES 33471								
DIVISIONAL SYMBOLS	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 6 OF 8	

SHEET DESCRIPTION

BACKSHELL



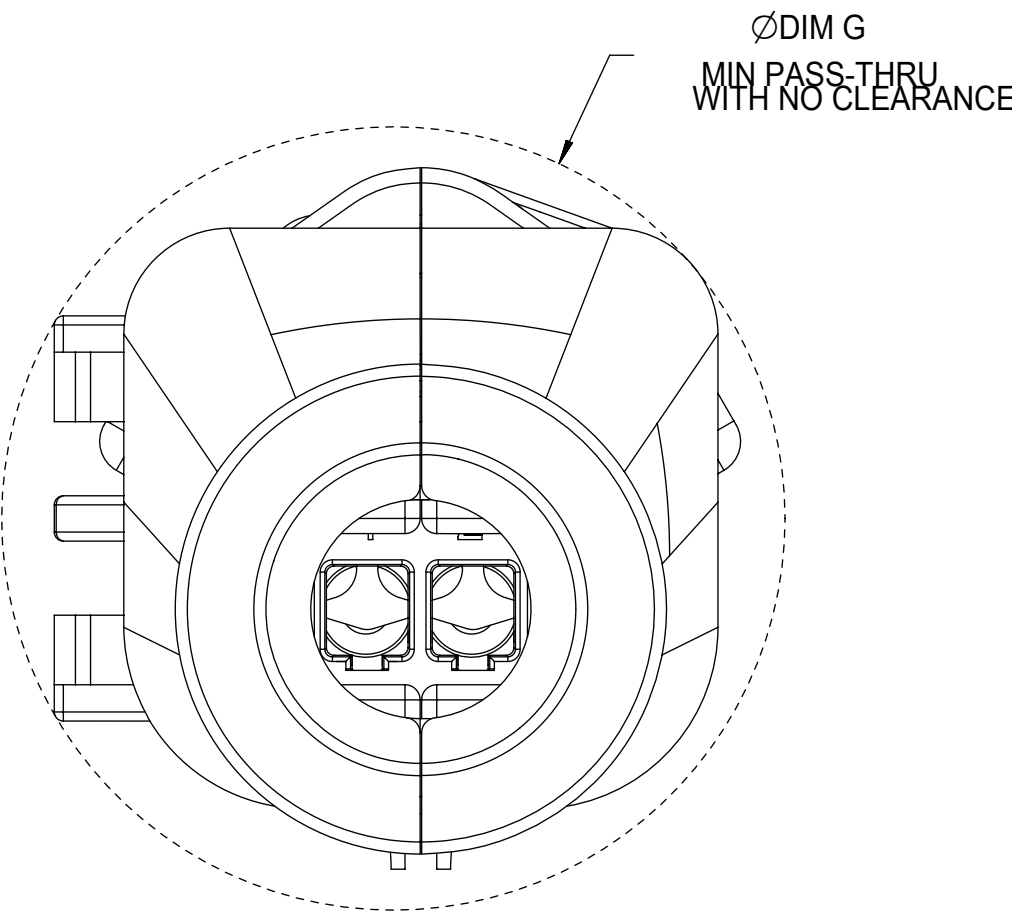
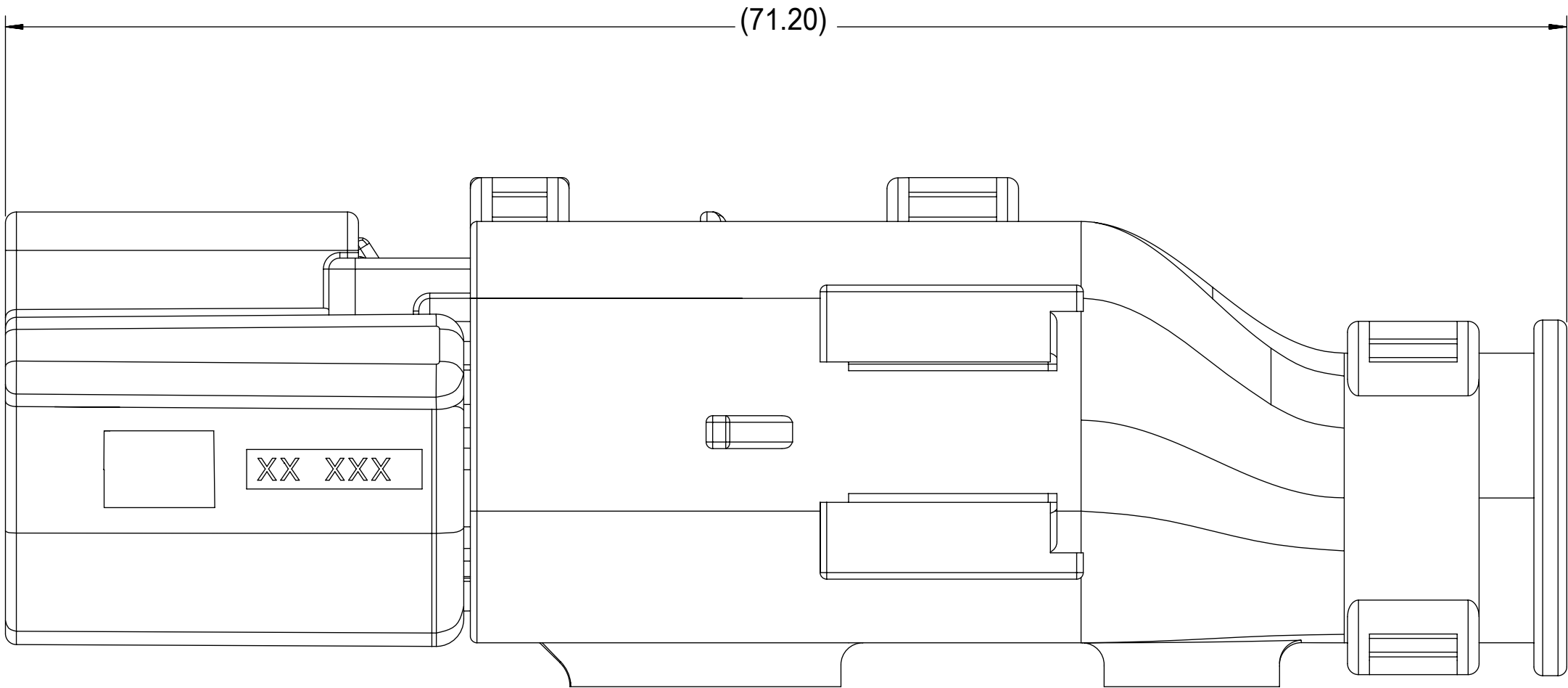
Partial W-W
SCALE 4:1

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:				molex			
	DIMENSION UNITS	SCALE								
$\frac{F}{A}$ = 0 $\frac{F}{C}$ = 0 $\frac{F}{P}$ = 0	mm	4:1	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			
GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING			
ANGULAR TOL		± 1.0°					DOCUMENT NUMBER			
4 PLACES		±					SD-33471-0001			
3 PLACES		±					DOC TYPE			
2 PLACES		± 0.1					PSD			
1 PLACE		± 0.2					DOC PART			
0 PLACES		±					REVISION			
DIVISIONAL SYMBOLS			THIRD ANGLE PROJECTION				DRAWING			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			D-SIZE				SERIES			
			MATERIAL NUMBER				CUSTOMER			
			SEE NOTE 2a				SHEET NUMBER			
			7 OF 8							

SHEET DESCRIPTION

BACKSHELL CONFIGURATIONS

CHARTED DIMENSIONS	
DESCRIPTION	DIMENSIONS
1X2	G
	26.00



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

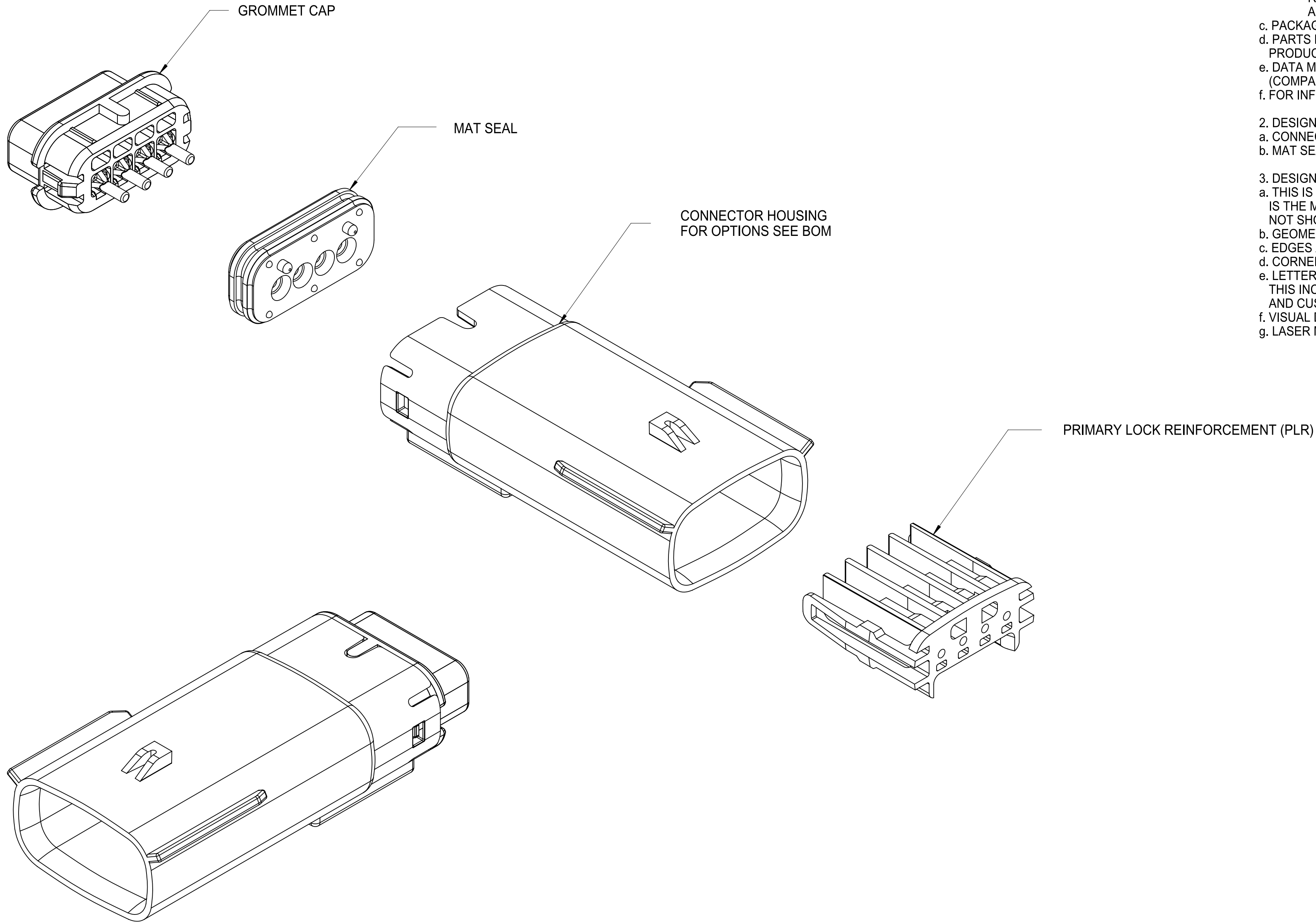
FUNCTIONAL SYMBOLS F A = 0 F C = 0

F

P

DIVISIONAL SYMBOLS

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
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.
-DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-041.
-FOR 1.5mm BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33000-001.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
-ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION
-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: TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 45 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-31300-635
- 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)
- f. FOR INFORMATION ON 1X4 BLADE SEALED ASSEMBLY WITH SHORTING BAR SEE SD-31280-200.

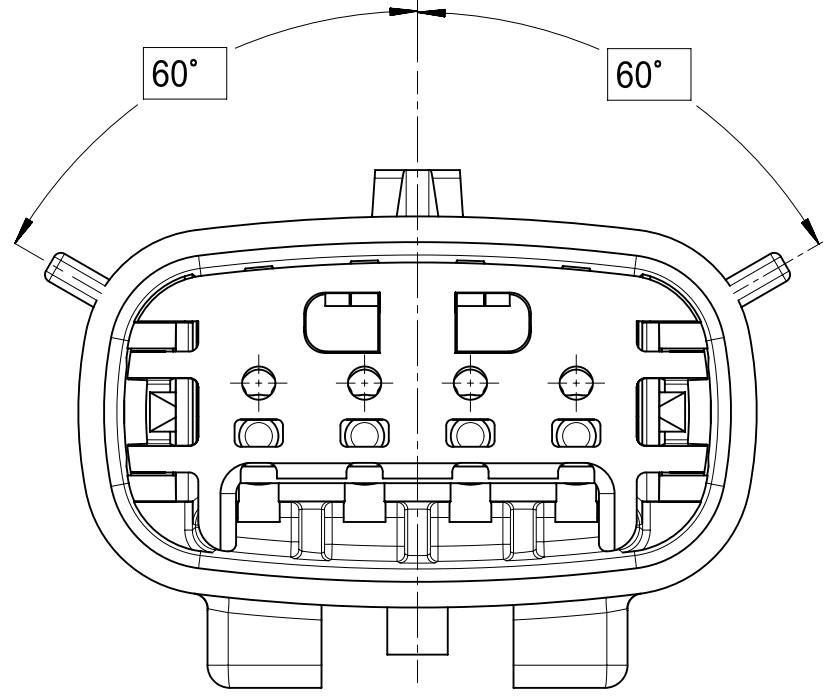
2. DESIGN - MATERIALS:
- a. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON BLEND 20% GLASS FILLED
- b. MAT SEAL: INHERENTLY LUBRICATED SILICONE

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

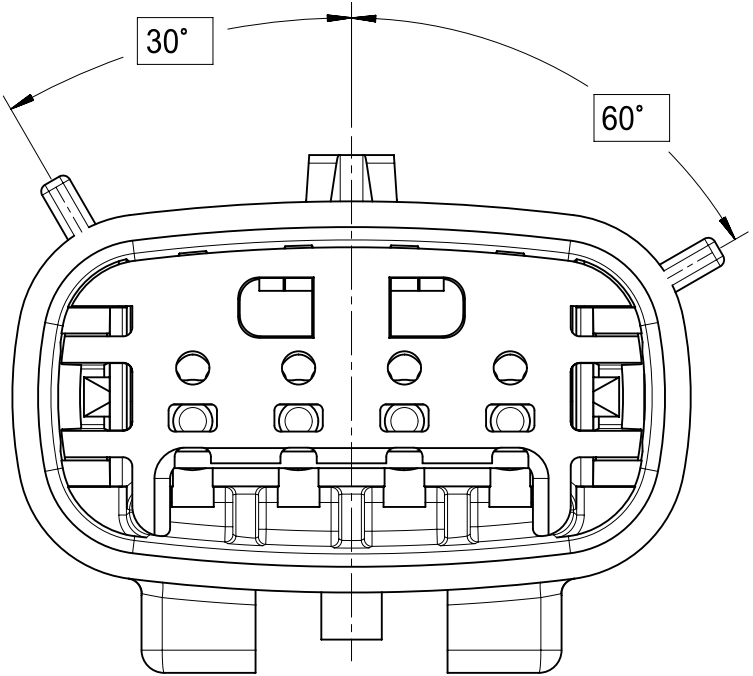
W4		UPDATED THE STATUS OF P/NS ON SHEET 5 33481-04XX) TO OBSOLETE PER PCN 512135 ADDED SALEABLE STATUS OF P/NS (33481-44XX) ON SHEET 5 P/NS 334814408 THRU 334814409 AND 334814412 THRU 334814412 WHICH HAVE BEEN MARKED NOT RECOMMENDED IN THE COMMENTS									
REV #		DESCRIPTION									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATED PARTS STATUS				molex					
mm	3:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: CO-000001228 DRWN: MattYoung 21-Jul-2022 CHK'D: Joe Fox 01-Aug-2022 APPR: Katy Boruszewski 02-Aug-2022				MX150 1X4 BLADE SEALED ASSEMBLY MAT SEAL					
ANGULAR TOL ± 3 °											
4 PLACES ± 0											
3 PLACES ± 0											
2 PLACES ± 0.1											
1 PLACE ± 0.3		INITIAL REVISION: DRWN: RFC_PLMIMP				PRODUCT SALES DRAWING					
0 PLACES ± 0											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
			D-SIZE	33481	SD-33481-041		PSD		001	W4	
							GENERAL MARKET		1 OF 5		

DOCUMENT STATUS	Approved	RELEASE DATE	02-Aug-2022 14:03:58
-----------------	----------	--------------	----------------------

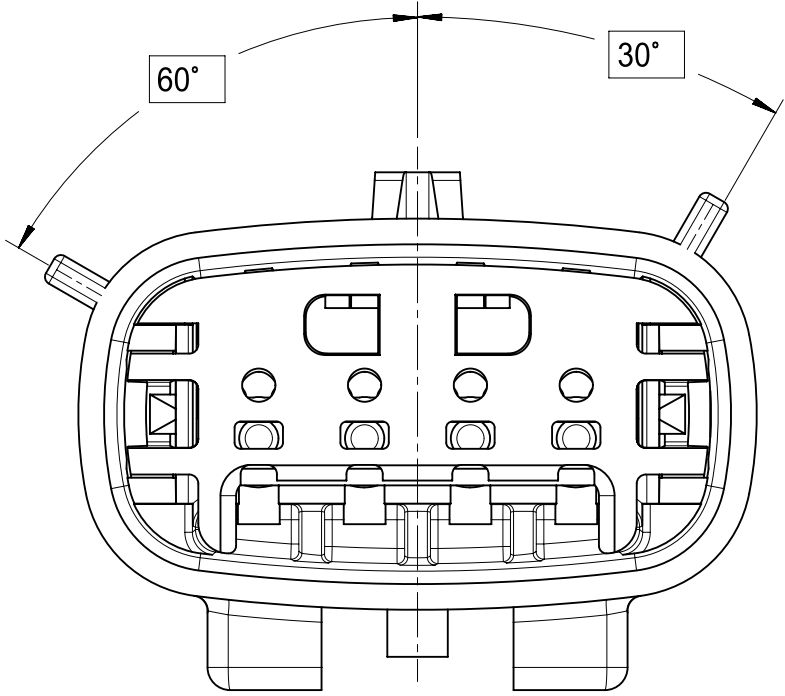
KEY CONFIGURATIONS



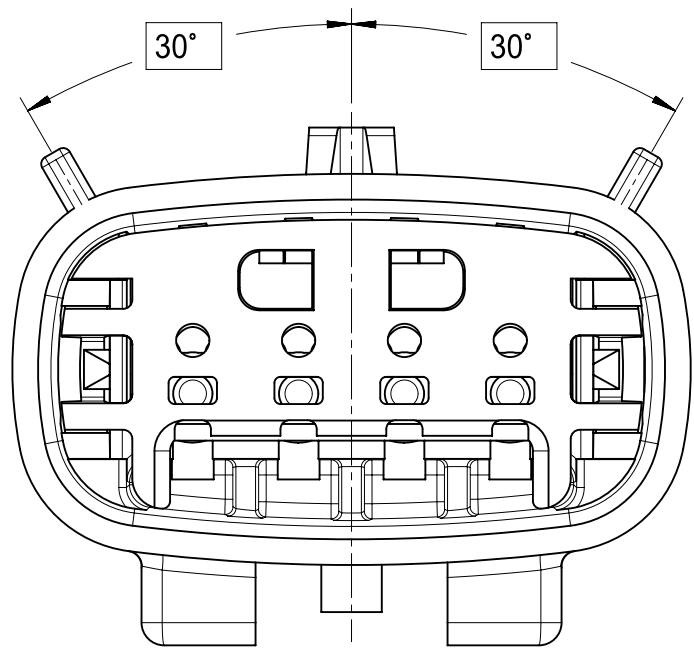
KEY A



KEY B



KEY C



KEY D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

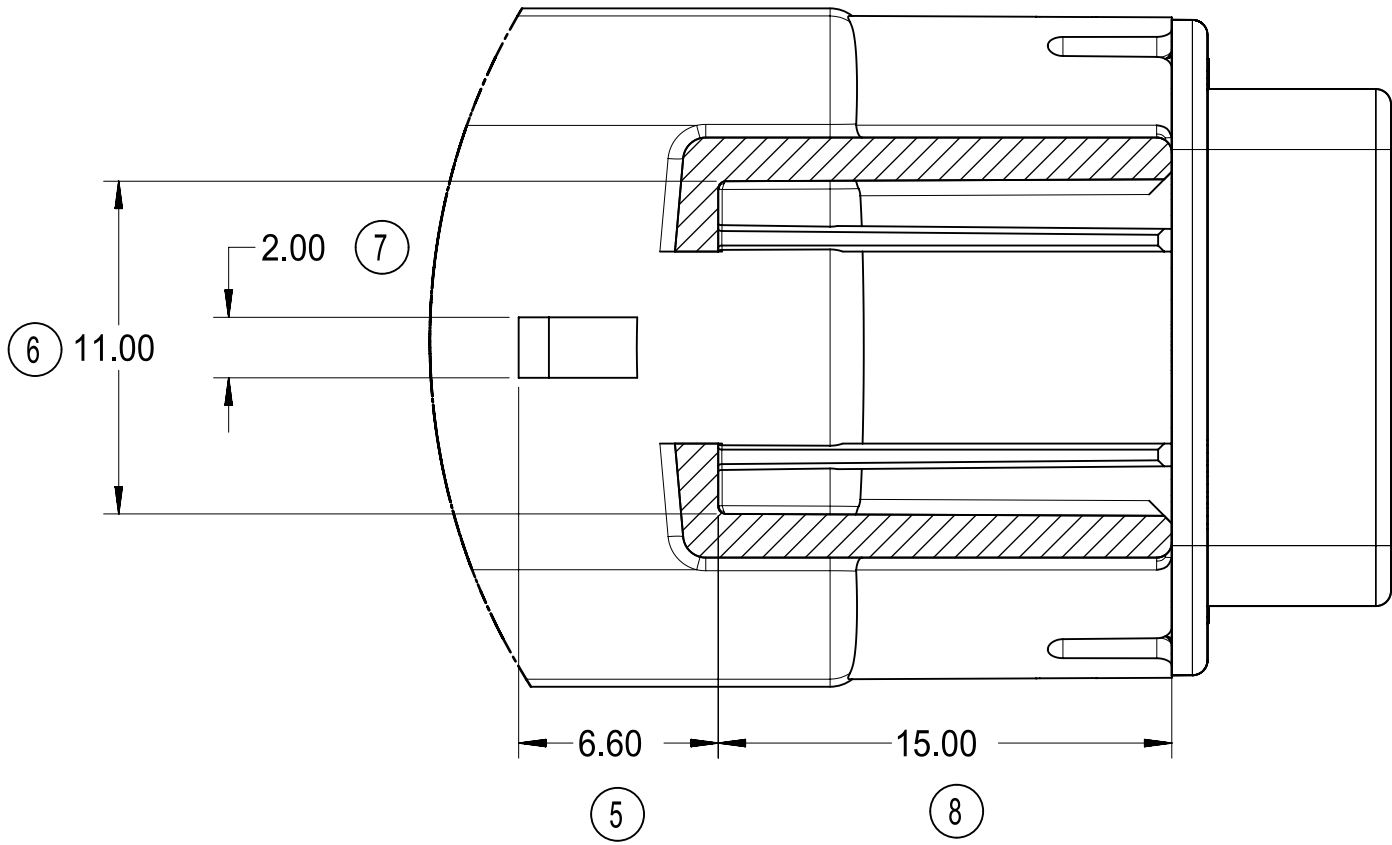
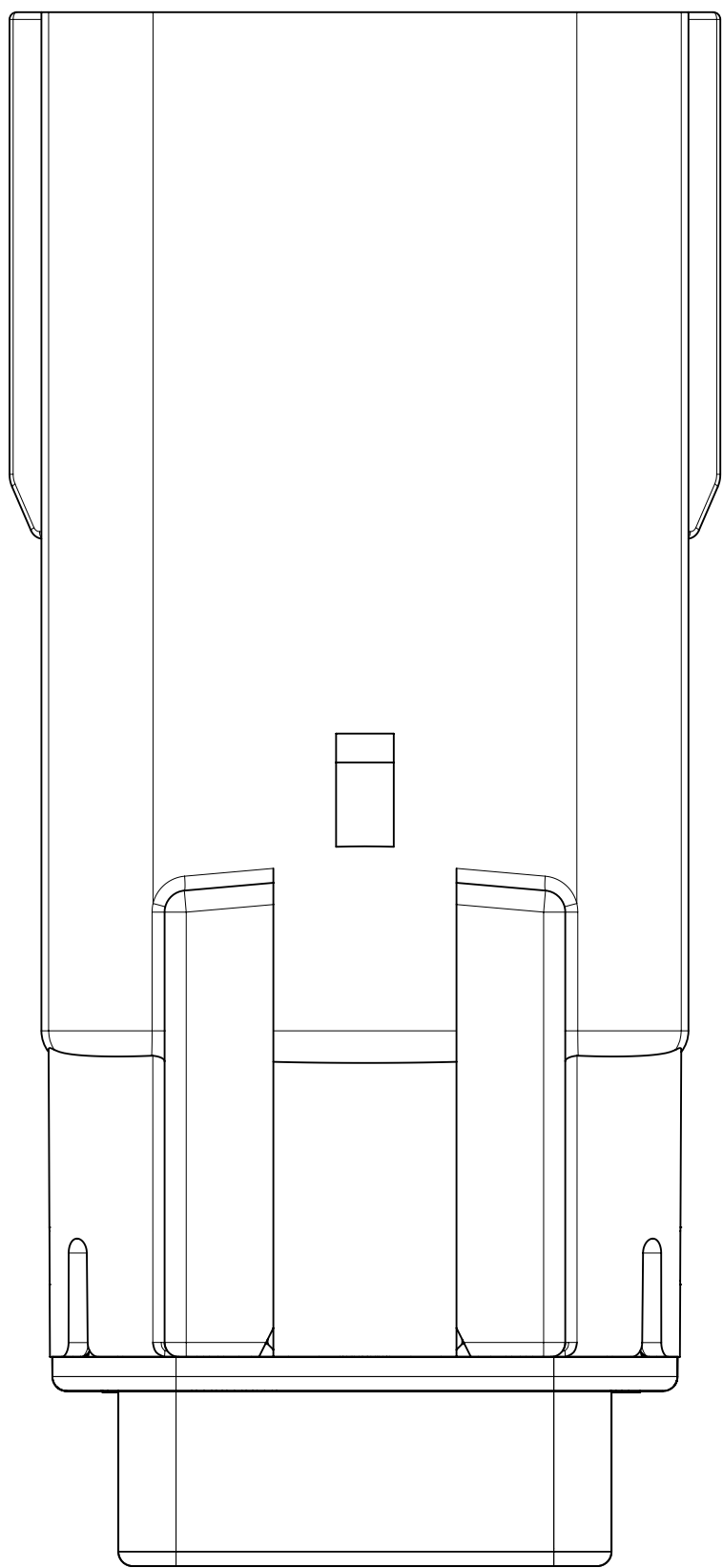
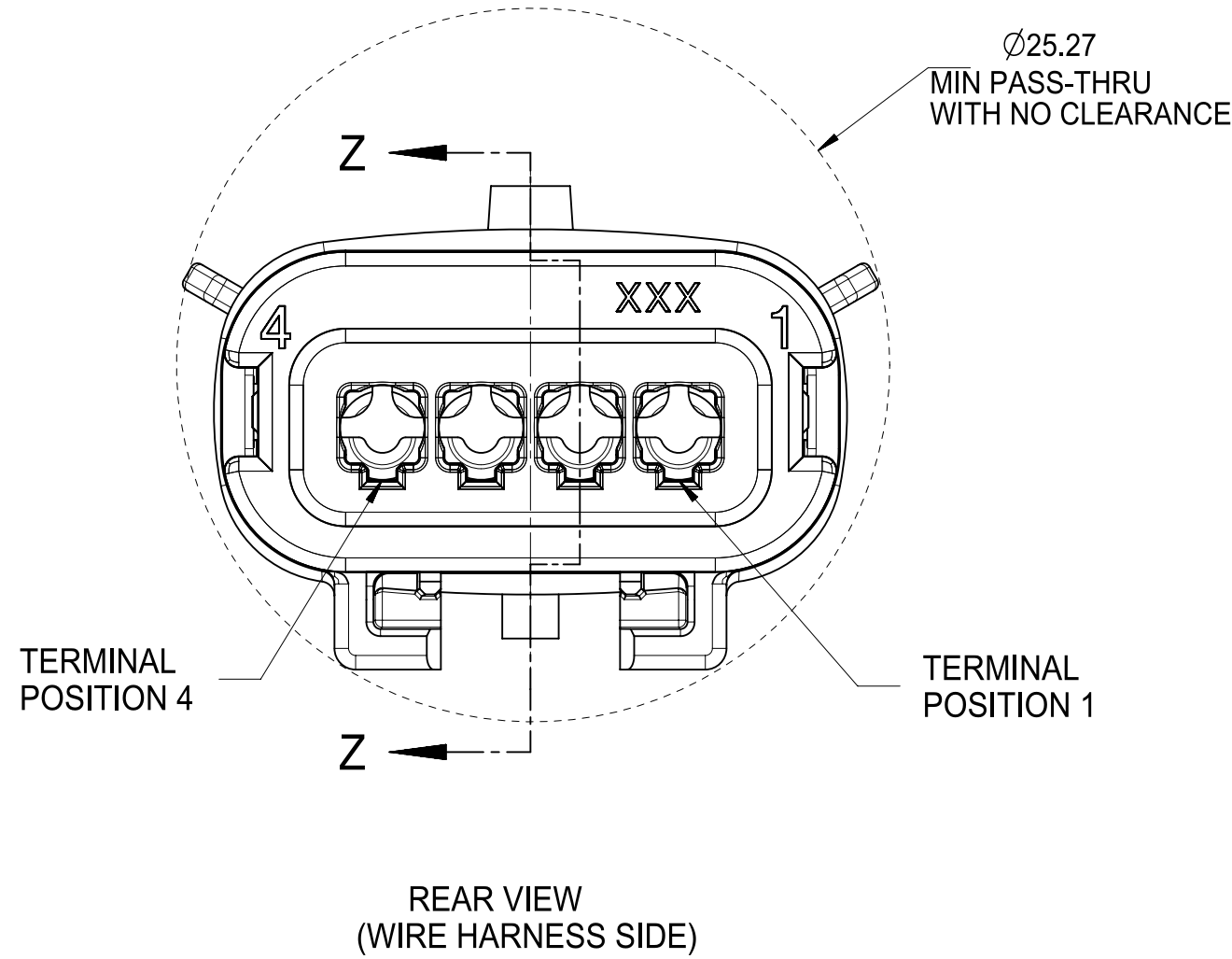
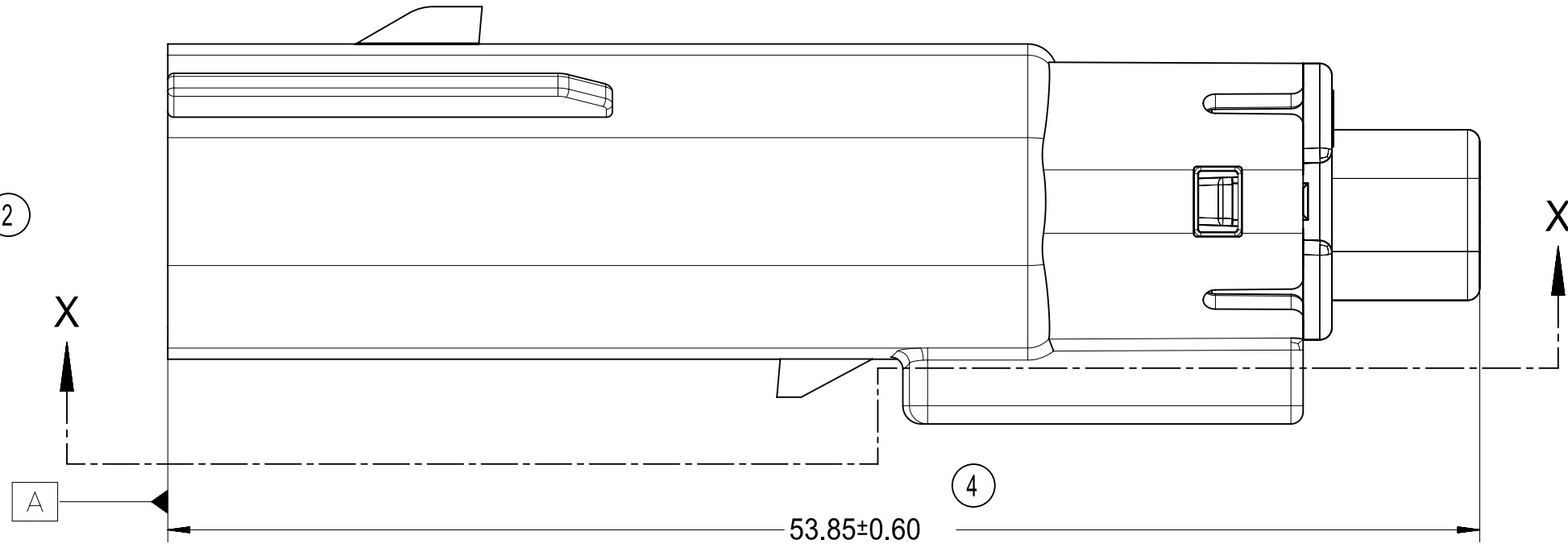
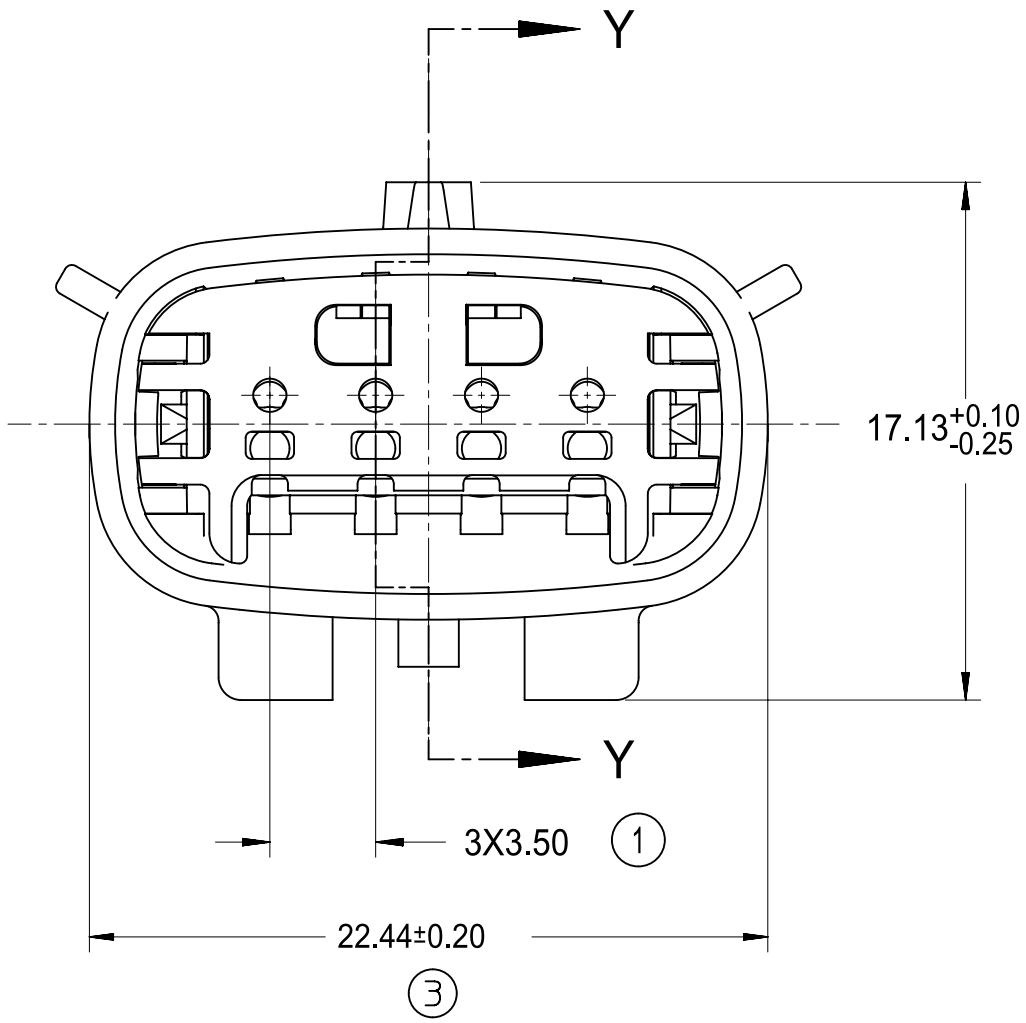
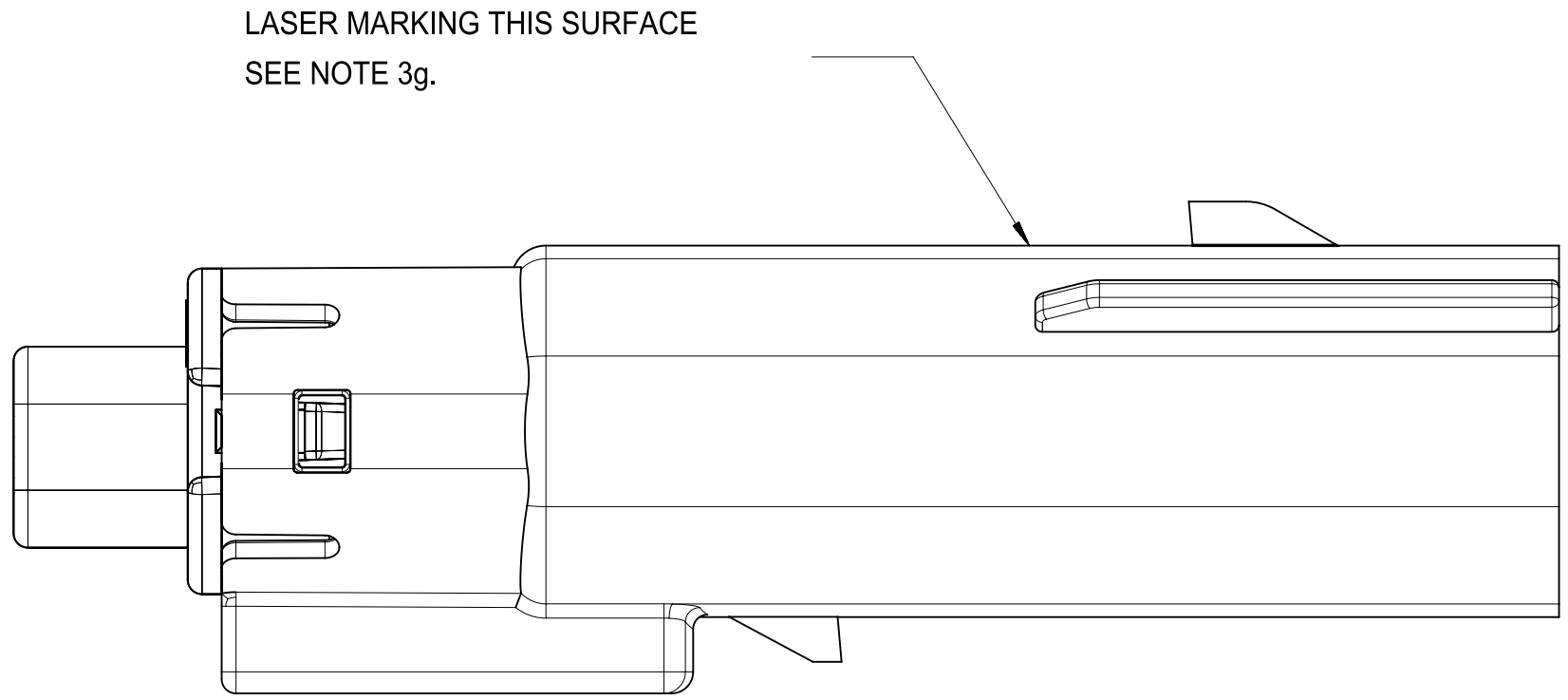
DIMENSION UNITS	SCALE	CURRENT REV DESC: UPDATED PARTS STATUS		
mm	4:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				
ANGULAR TOL	± 3°	EC NO: CO-000001228		
4 PLACES	± 0	DRWN: MattYoung 21-Jul-2022		
3 PLACES	± 0	CHK'D: Joe Fox 01-Aug-2022		
2 PLACES	± 0.1	APPR: Katy Boruszewski 02-Aug-2022		
1 PLACE	± 0.3	INITIAL REVISION:		
0 PLACES	± 0	DRWN: RFC_PLMIMP		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			D-SIZE	33481

molex

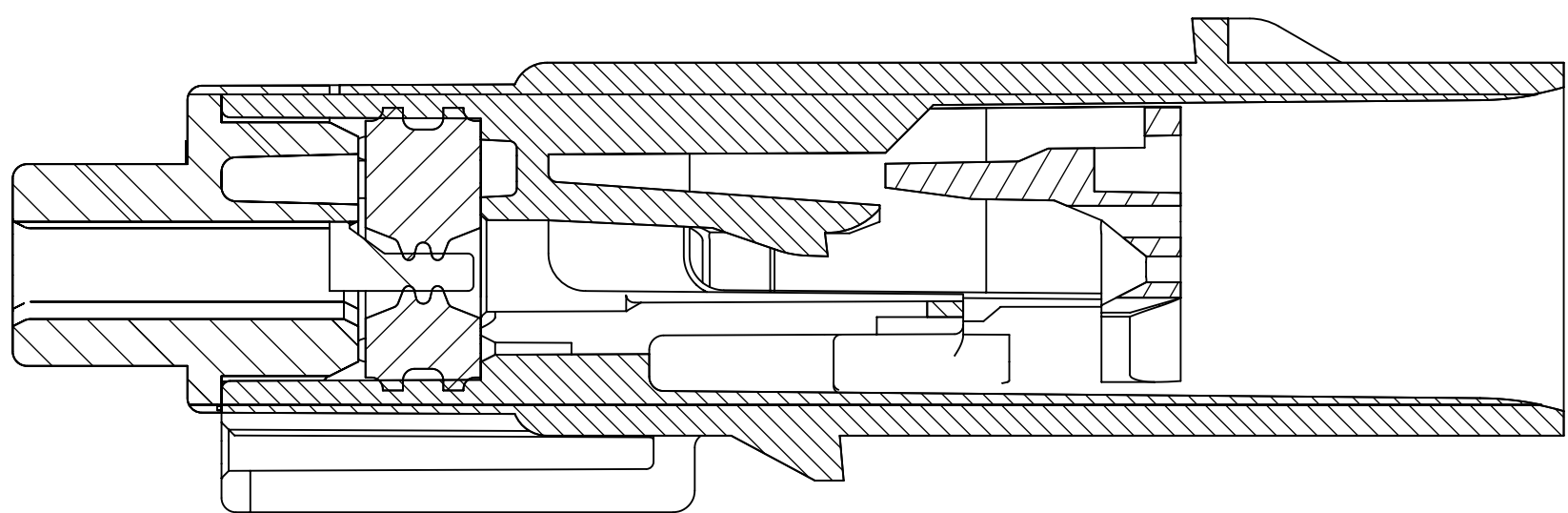
MX150 1X4 BLADE
SEALED ASSEMBLY MAT SEAL

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-041	PSD	001	W4
MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
	GENERAL MARKET		2 OF 5

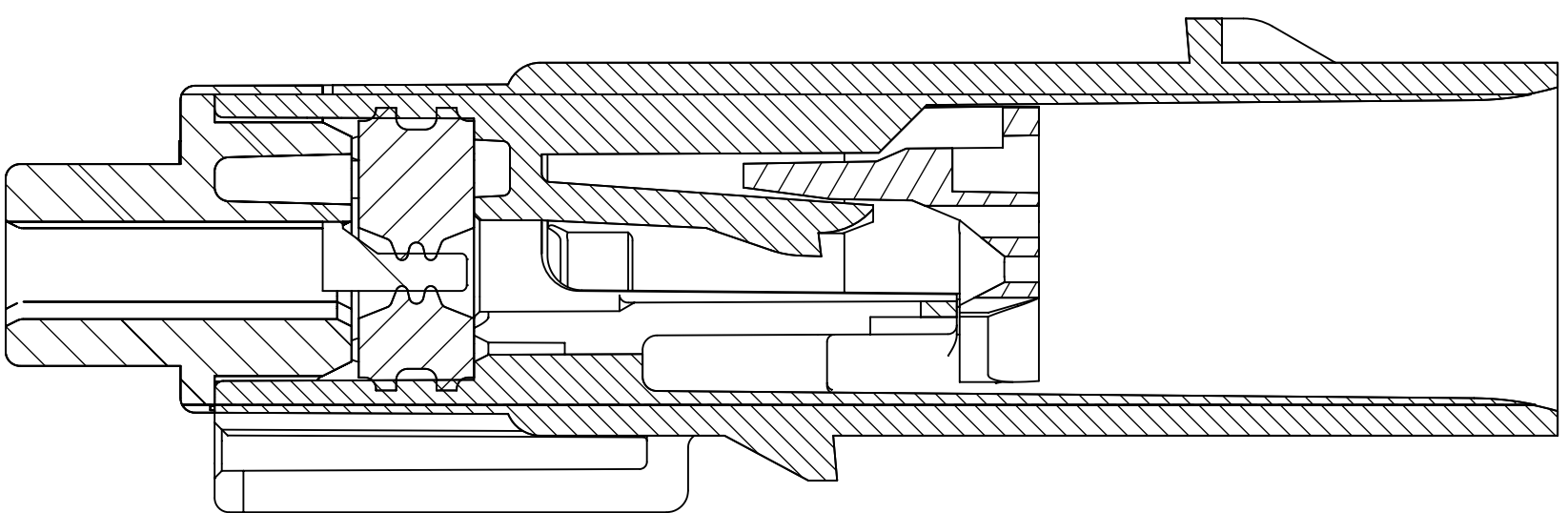


PARTIAL X-X
SCALE 4:1



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

SECTION Z-Z

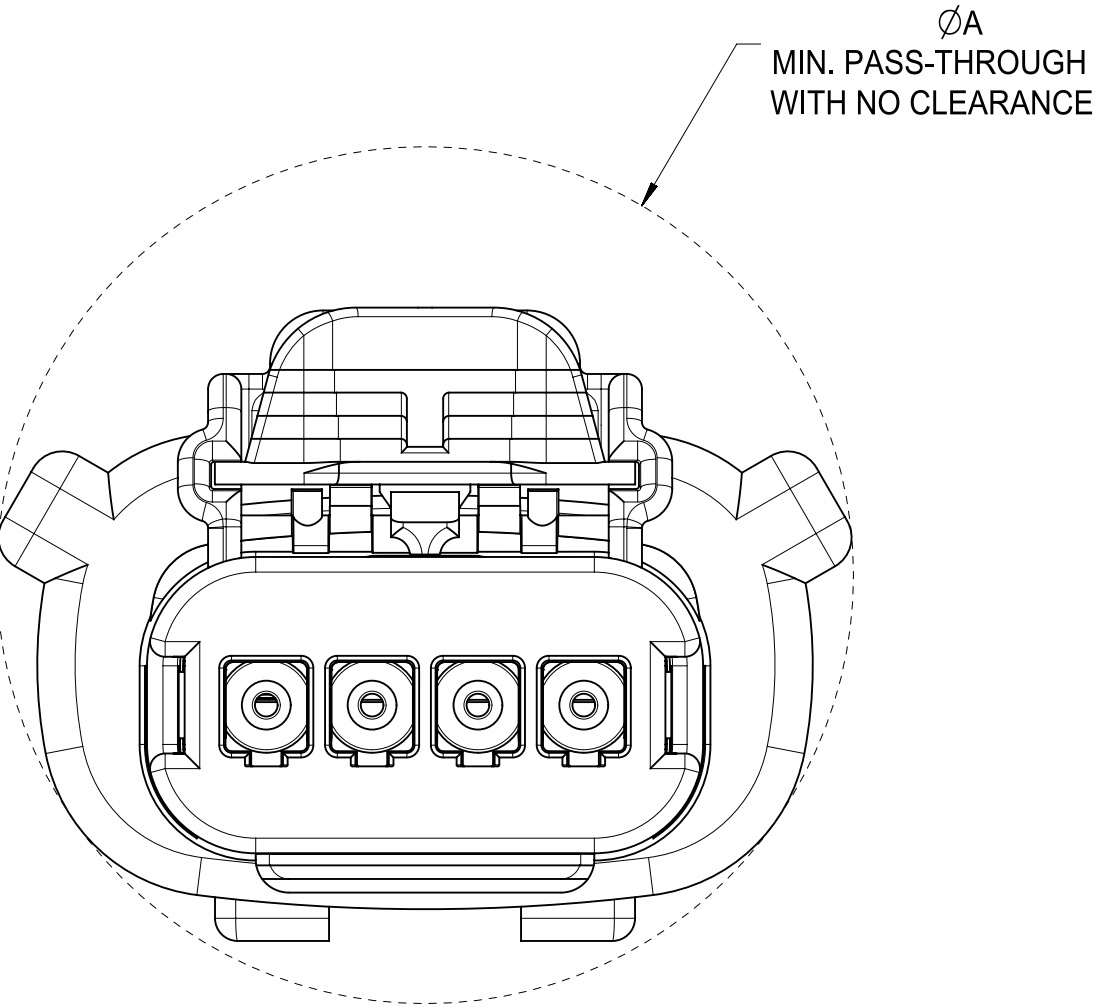
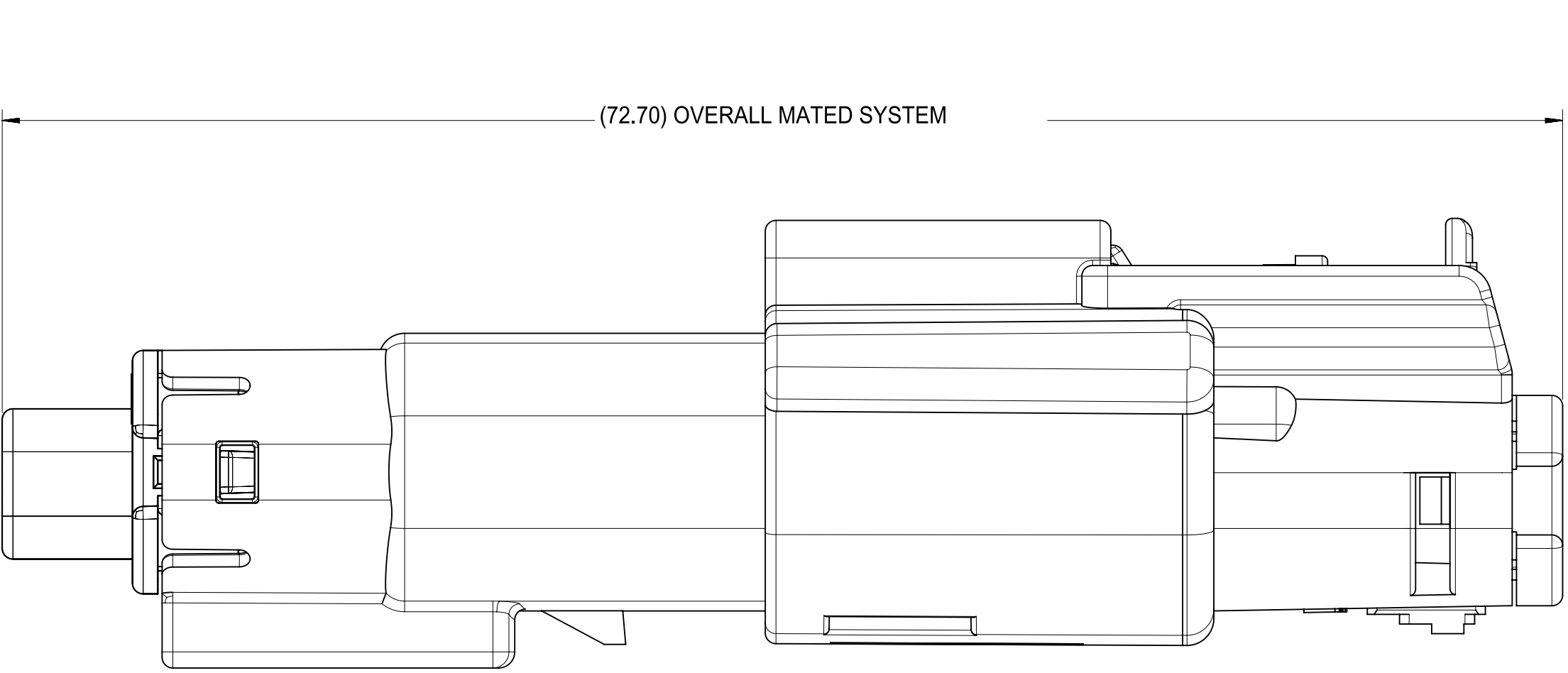


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y

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: UPDATED PARTS STATUS					molex MX150 1X4 BLADE SEALED ASSEMBLY MAT SEAL					
mm		4:1	EC NO: CO-000001228 DRWN: MattYoung 21-Jul-2022 CHK'D: Joe Fox 01-Aug-2022 APPR: Katy Boruszewski 02-Aug-2022										
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		±	3°	INITIAL REVISION: DRWN: RFC_PLMIMP APPR:					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
4 PLACES		±	0						SD-33481-041		PSD	001	W4
3 PLACES		±	0										
2 PLACES		±	0.1										
1 PLACE		±	0.3										
0 PLACES		±	0										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
					D-SIZE	33481			GENERAL MARKET		3 OF 5		

SYSTEM PACKAGING



CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X4 RECPT SEALED ASSY - STANDARD	29.14
MX150 1X4 RECPT SEALED ASSY - ERGO	29.33
MX150 1X4 RECPT SEALED ASSY - SHORTING (SHRT) BAR	29.14

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: UPDATED PARTS STATUS				molex		
mm		4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: CO-000001228 DRWN: MattYoung 21-Jul-2022 CHK'D: Joe Fox 01-Aug-2022 APPR: Katy Boruszewski 02-Aug-2022 INITIAL REVISION: DRWN: RFC_PLMIMP APPR:				MX150 1X4 BLADE SEALED ASSEMBLY MAT SEAL		
ANGULAR TOL	±	3 °					PRODUCT SALES DRAWING		
4 PLACES	±	0					DOCUMENT NUMBER		
3 PLACES	±	0					SD-33481-041		
2 PLACES	±	0.1					DOC TYPE	DOC PART	REVISION
1 PLACE	±	0.3	THIRD ANGLE PROJECTION				PSD		001
0 PLACES	±	0					W4		A
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
			D-SIZE		33481		GENERAL MARKET		4 OF 5

DOCUMENT STATUS	Approved	RELEASE DATE	02-Aug-2022 14:03:58
-----------------	----------	--------------	----------------------

