

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. RECEPTACLE SEALED ASSEMBLY CONFIGURATION MUST CONTAIN A PLR WITH SHORTING BAR LIFTER.

-FOR 1.5mm BLADE TERMINALS TO BE USED WITH THE SHORTING BAR CIRCUIT LOCATIONS SEE MOLEX DRAWING SD-31296-001.

-SHORTING BAR TERMINALS TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.7mm TO 2.06mm.

-FOR 1.5mm BLADE TERMINALS TO BE USED WITH THE NON-SHORTING BAR CIRCUIT LOCATIONS SEE MOLEX DRAWING SD-33000-001.

-NON-SHORTING BAR TERMINALS 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 WITHOUT SHORTING BAR SEE SD-33481-041.

2. DESIGN - MATERIALS:

a. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON BLEND 20% GLASS FILLED

b. MAT SEAL: INHERENTLY LUBRICATED SILICONE

c. SHORTING BARS: STAINLESS STEEL

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

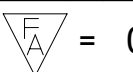
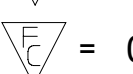
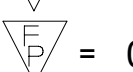
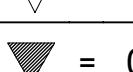
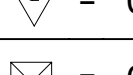
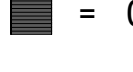
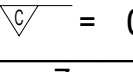
d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.

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)

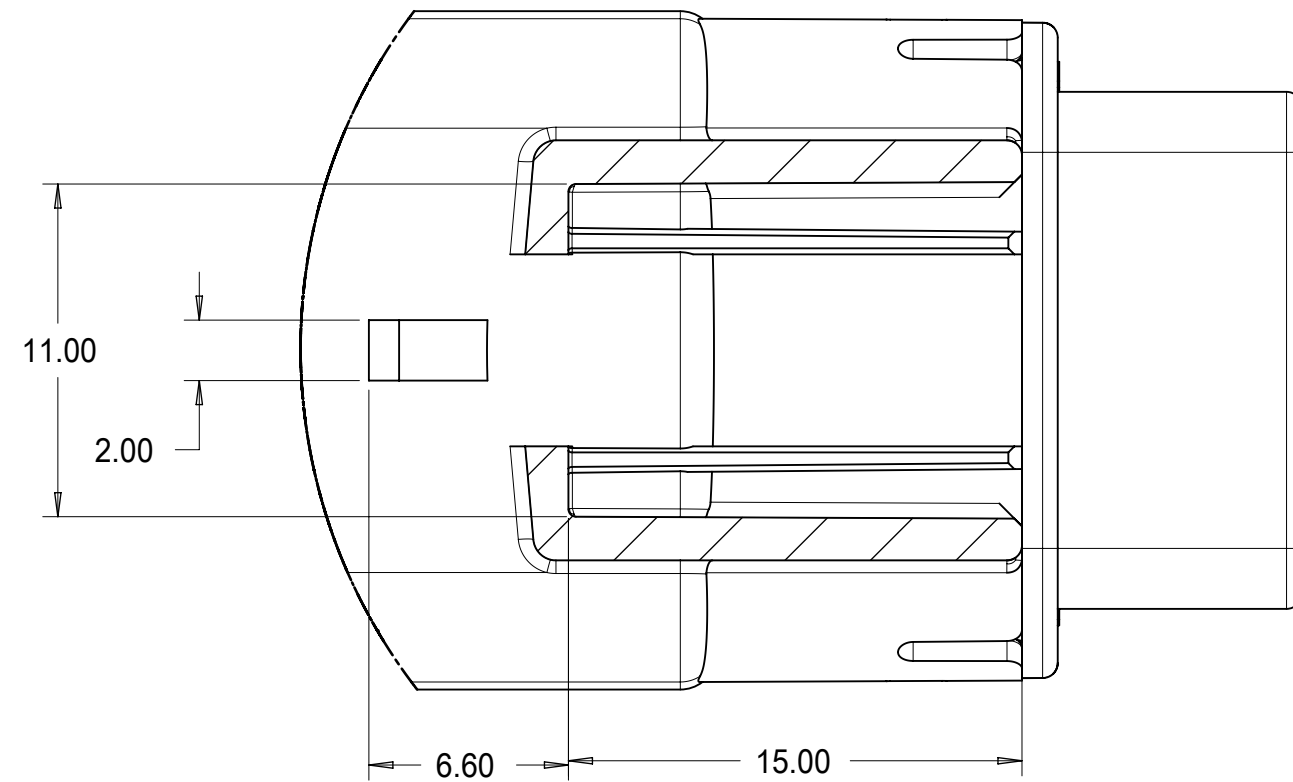
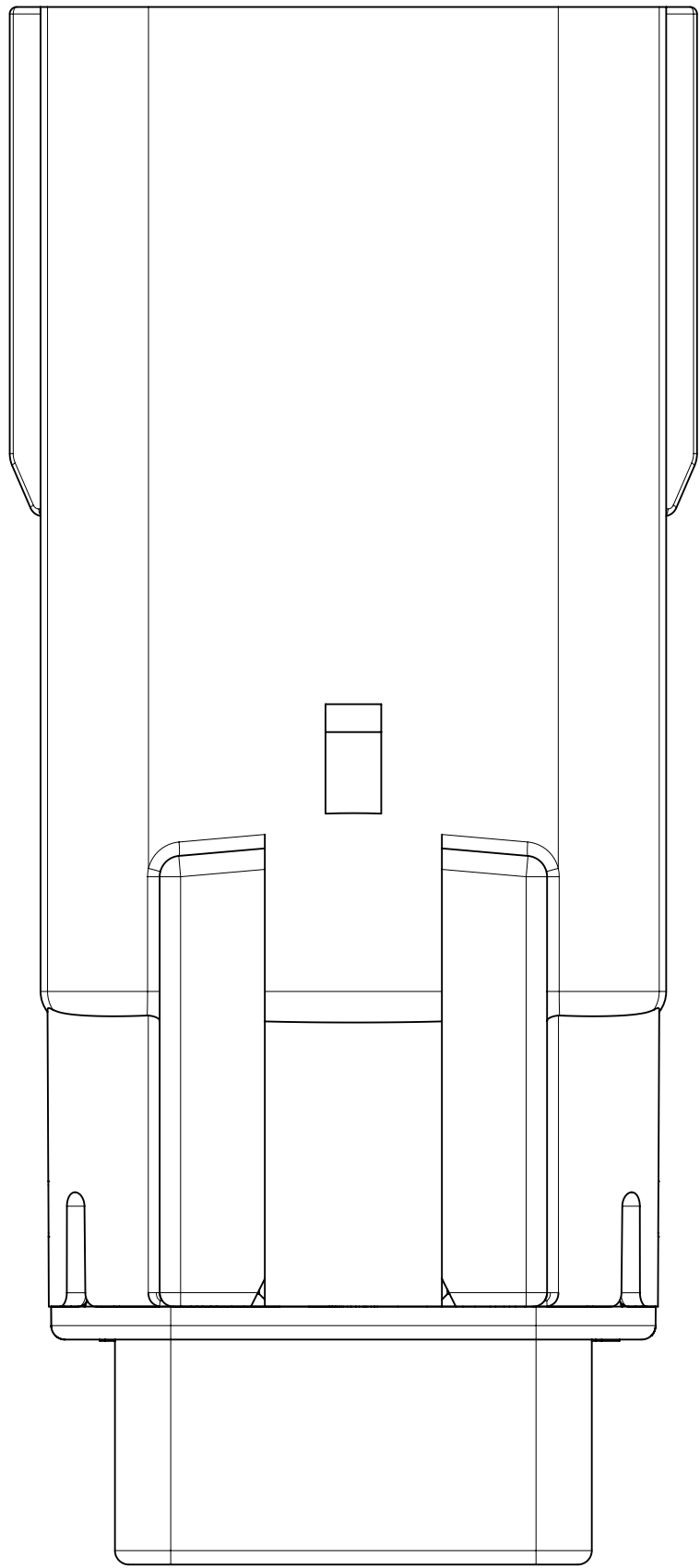
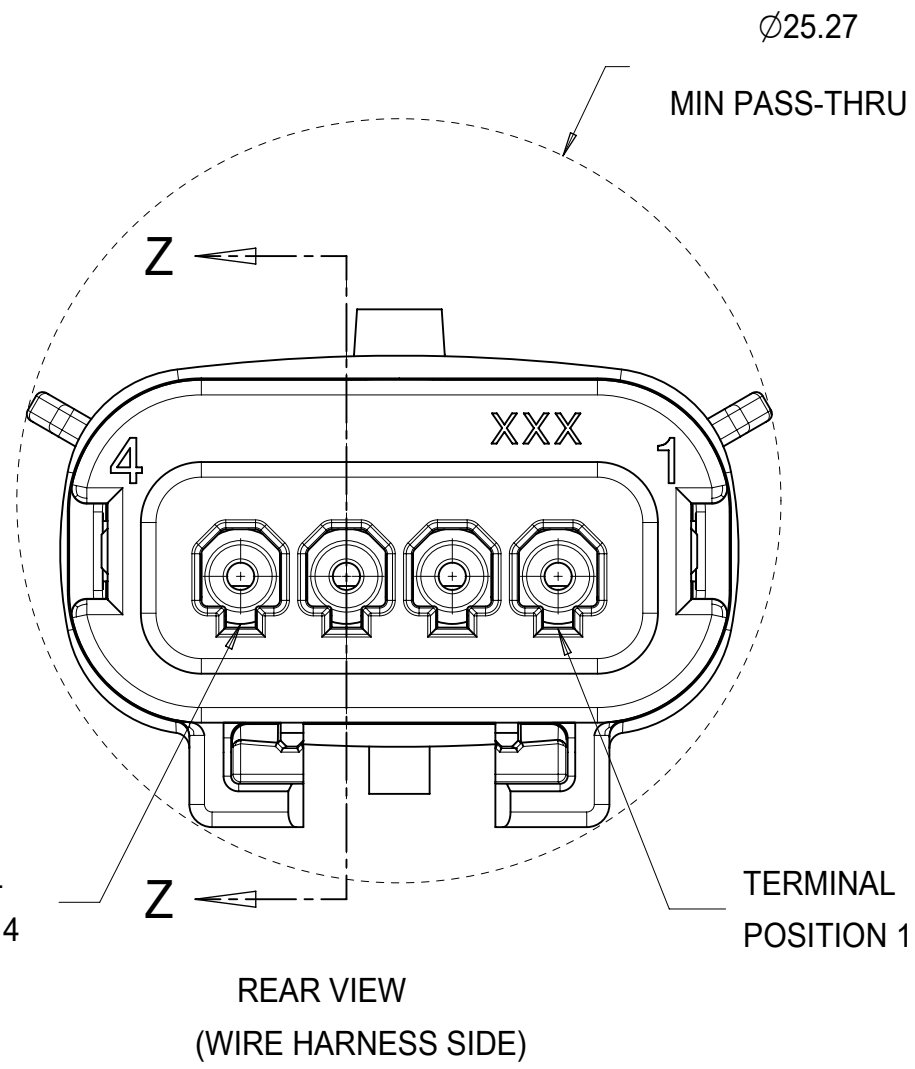
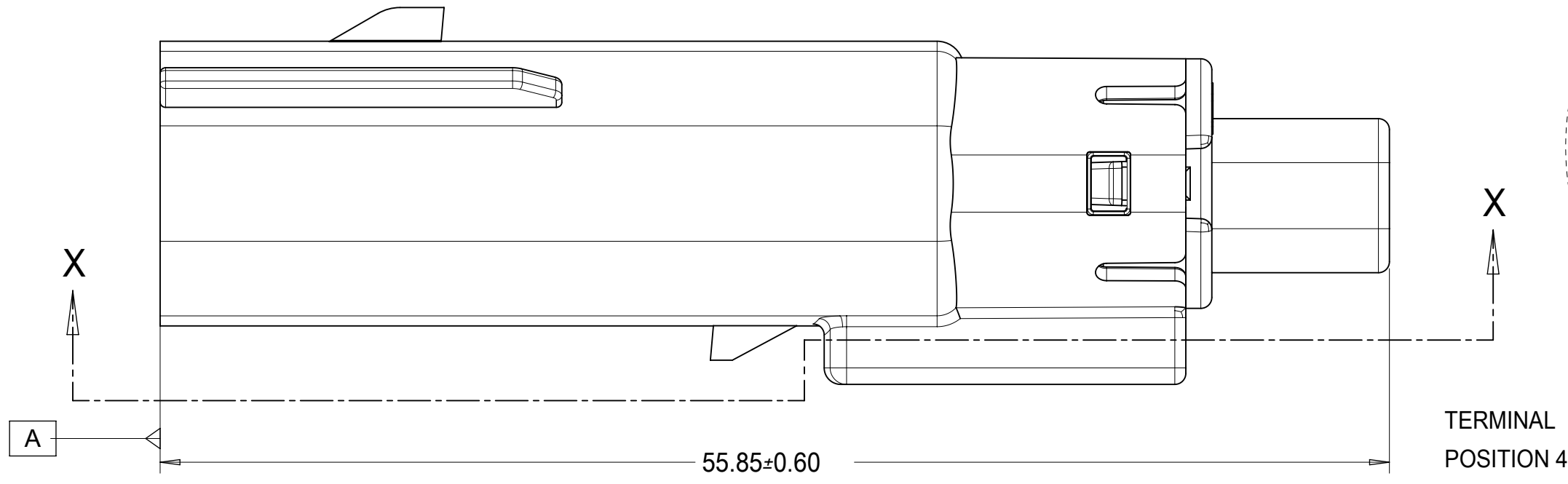
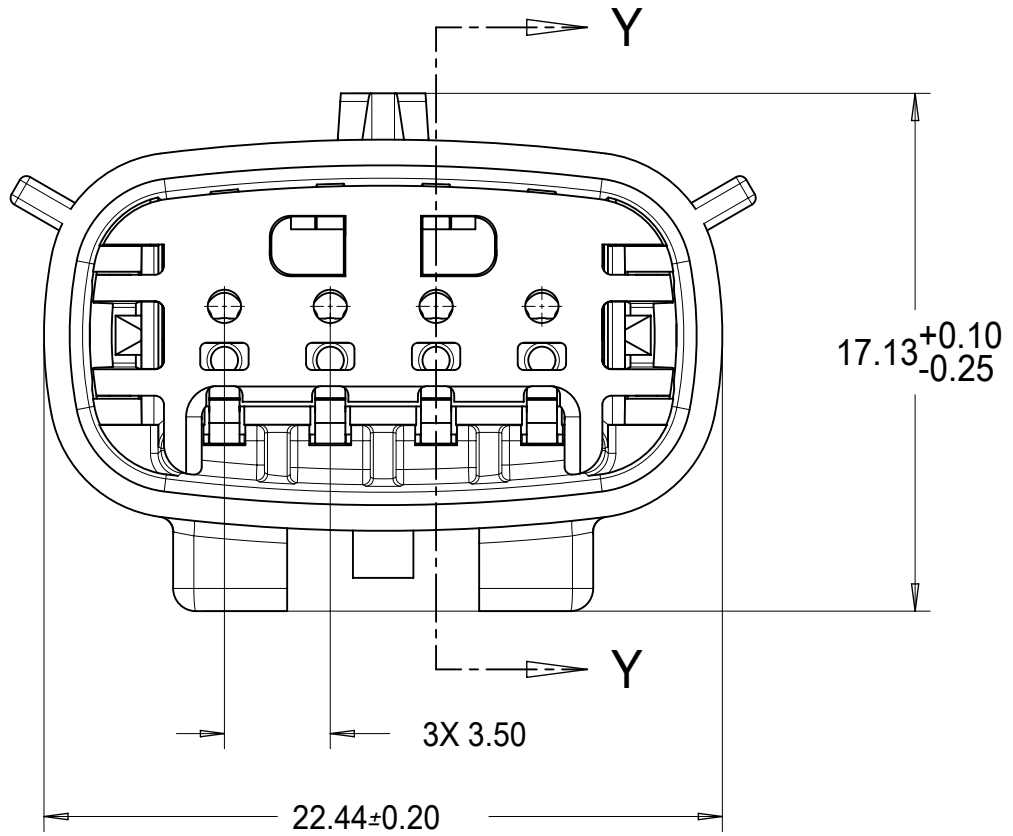
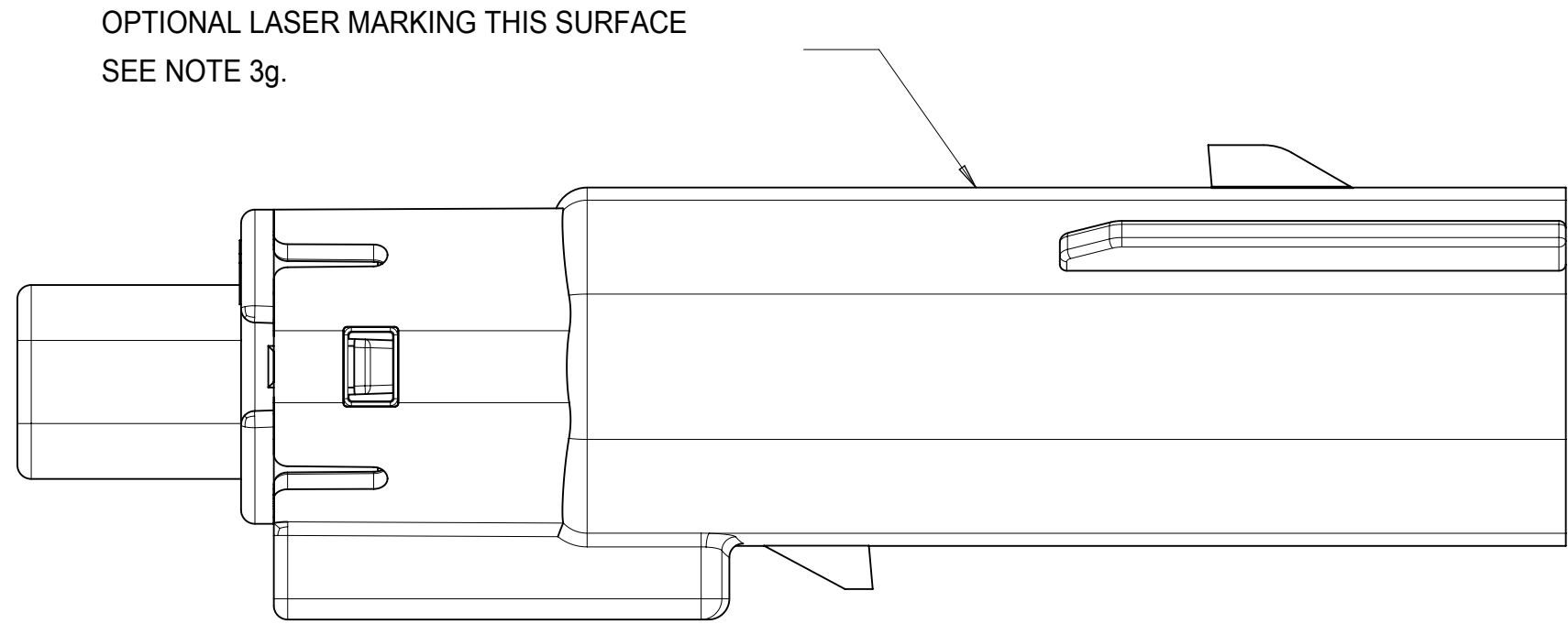
g. LASER MARKING: TBD

K2	ADDED NEW P/N 31280-4436 TO 31280-4451
K	ADDED NEW P/N 31280-0450 31280-0451
J	ADDED NEW P/N 31280-0449
H	ADDED NEW P/N 31280-0448
G	UPDATED GROMMET CAP
F1	UPDATED DIMENSIONS TO MATCH MODEL
F	REDRAWN
REV	DESCRIPTION

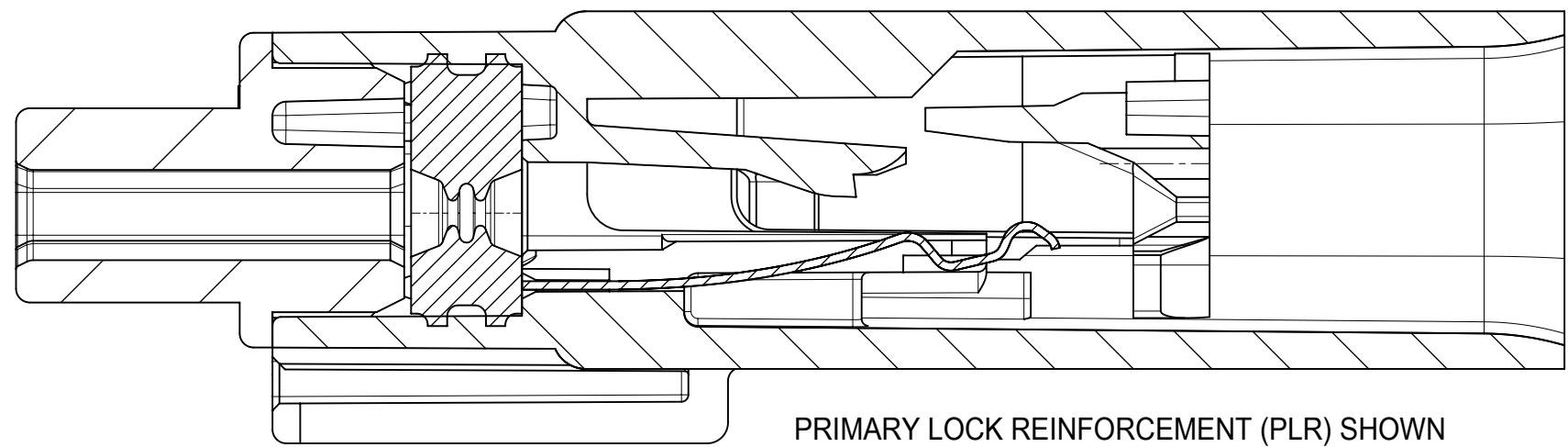
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS	SCALE
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 = 0		KCUNNINGHAM	2012/08/28
 = 0		CHKD BY	DATE
 = 0		MDICK	2013/03/22
 = 0		APPR BY	DATE
 = 0		VKOSHY	2012/09/04
 = 0		DRAWING SIZE	THIRD ANGLE PROJECTION
 = 0		D	
 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

RELEASE STATUS	P1	RELEASE DATE	31.10.2017	21:13:47
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2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
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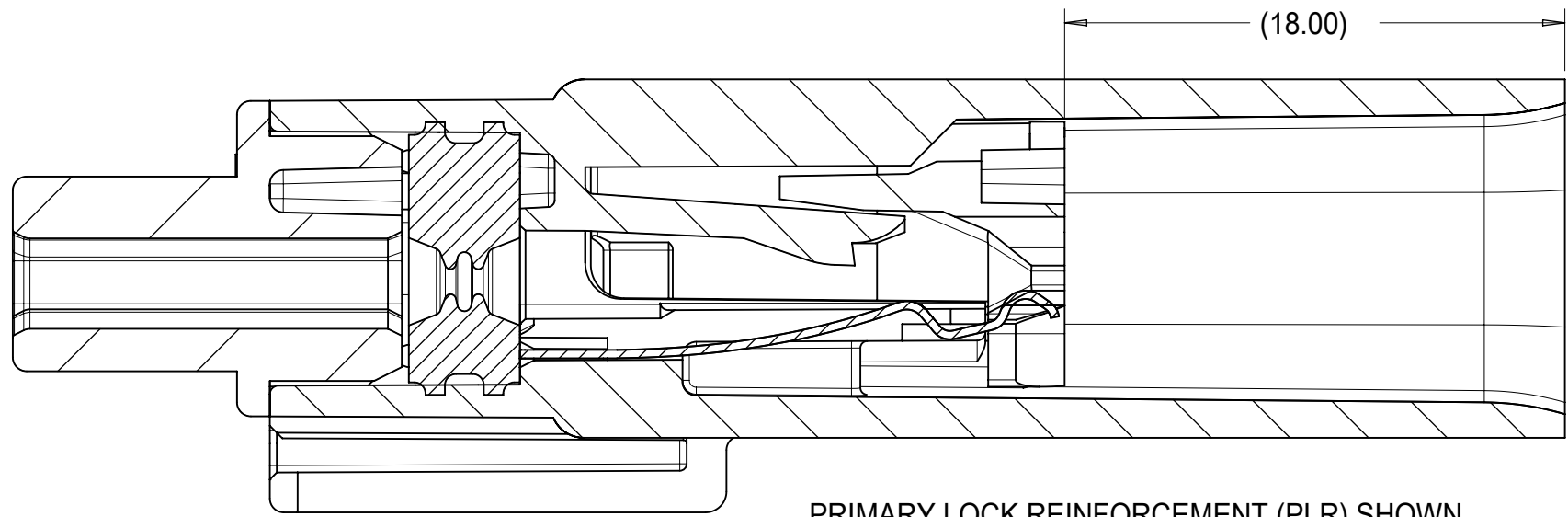


SECTIONX-X
SCALE 4:1



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

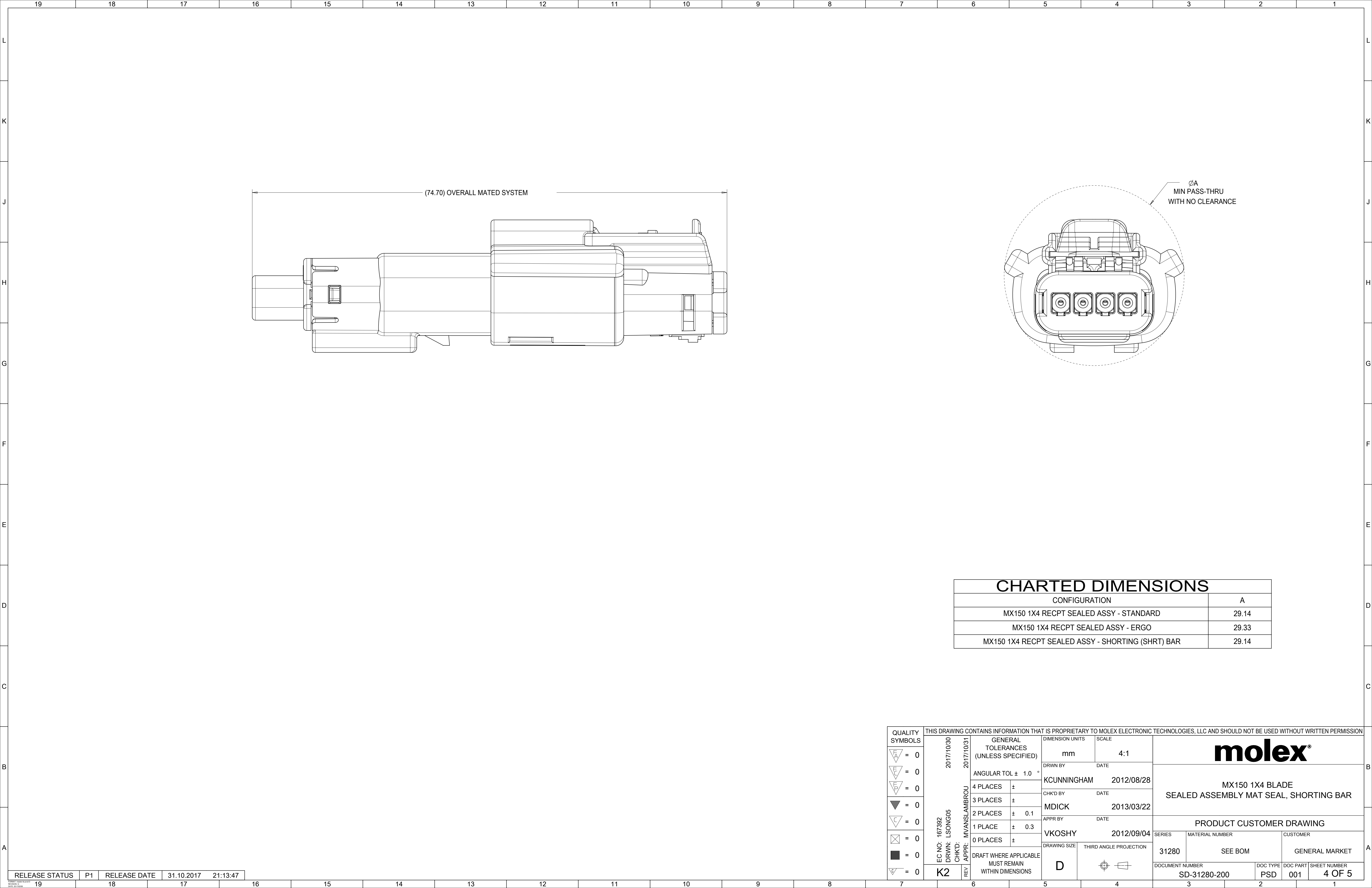
SECTION Z-Z



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

SECTION Y-Y

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
QUALITY SYMBOLS		2017/10/30 2017/10/31		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® MX150 1X4 BLADE SEALED ASSEMBLY MAT SEAL, SHORTING BAR							
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= 0				4 PLACES ±		DRWN BY		DATE									
= 0				3 PLACES ±		KCUNNINGHAM		2012/08/28									
= 0				2 PLACES ± 0.1		CHK'D BY		DATE									
= 0				1 PLACE ± 0.3		MDICK		2013/03/22									
= 0		0 PLACES ±		APPR BY		DATE		PRODUCT CUSTOMER DRAWING									
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		VKOSHY		2012/09/04											
= 0		K2		REV		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER			
= 0						D				31280		SEE BOM		GENERAL MARKET			
										DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
										SD-31280-200		PSD		001		3 OF 5	



MOLEX ASSEMBLY PART NUMBER	HOUSING COLOR	KEYING OPTION	CAVITY NUMBER "X" INDICATES PLUGGED POSITION				NUMBER OF PLUGGED POSITIONS	MAT SEAL	SHORTING BAR CIRCUITS 1&2	SHORTING BAR CIRCUITS 3&4
			1	2	3	4				
31280-0436	BLACK	A					0	PRESENT	PRESENT	PRESENT
31280-0437	LIGHT GRAY	B					0	PRESENT	PRESENT	PRESENT
31280-0438	BROWN	C					0	PRESENT	PRESENT	PRESENT
31280-0439	GREEN	D					0	PRESENT	PRESENT	PRESENT
31280-0440	CUSTOM	TBD					0	PRESENT	PRESENT	PRESENT
31280-0441	BLACK	A			X	X	2	PRESENT	PRESENT	NONE
31280-0442	BLACK	A					0	NONE	PRESENT	PRESENT
31280-0443	LIGHT GRAY	B					0	NONE	PRESENT	PRESENT
31280-0444	BROWN	C					0	NONE	PRESENT	PRESENT
31280-0445	GREEN	D					0	NONE	PRESENT	PRESENT
31280-0446	BLACK	A					0	PRESENT	PRESENT	NONE
31280-0447	LIGHT GRAY	B					0	PRESENT	NONE	PRESENT
31280-0448	YELLOW	A					0	PRESENT	PRESENT	PRESENT
31280-0449	YELLOW	A				X	1	PRESENT	PRESENT	NONE
31280-0450	DARK GRAY	C					0	PRESENT	PRESENT	PRESENT
31280-0451	STONE GRAY	D					0	PRESENT	PRESENT	PRESENT

MOLEX ASSEMBLY PART NUMBER	HOUSING COLOR	KEYING OPTION	CAVITY NUMBER "X" INDICATES PLUGGED POSITION				NUMBER OF PLUGGED POSITIONS	MAT SEAL	SHORTING BAR CIRCUITS 1&2	SHORTING BAR CIRCUITS 3&4
			1	2	3	4				
31280-4436	BLACK	A					0	PRESENT	PRESENT	PRESENT
31280-4437	LIGHT GRAY	B					0	PRESENT	PRESENT	PRESENT
31280-4438	BROWN	C					0	PRESENT	PRESENT	PRESENT
31280-4439	GREEN	D					0	PRESENT	PRESENT	PRESENT
31280-4440	CUSTOM	TBD					0	PRESENT	PRESENT	PRESENT
31280-4441	BLACK	A			X	X	2	PRESENT	PRESENT	NONE
31280-4442	BLACK	A					0	NONE	PRESENT	PRESENT
31280-4443	LIGHT GRAY	B					0	NONE	PRESENT	PRESENT
31280-4444	BROWN	C					0	NONE	PRESENT	PRESENT
31280-4445	GREEN	D					0	NONE	PRESENT	PRESENT
31280-4446	BLACK	A					0	PRESENT	PRESENT	NONE
31280-4447	LIGHT GRAY	B					0	PRESENT	NONE	PRESENT
31280-4448	YELLOW	A					0	PRESENT	PRESENT	PRESENT
31280-4449	YELLOW	A				X	1	PRESENT	PRESENT	NONE
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31280-4451	STONE GRAY	D					0	PRESENT	PRESENT	PRESENT

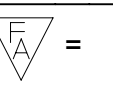
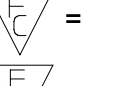
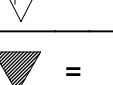
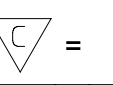
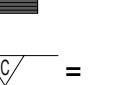
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	= 0					mm		1:1					
	= 0					DRWN BY		DATE					
	= 0					ANGULAR TOL ± 1.0 °		KCUNNINGHAM		2012/08/28			
	= 0					4 PLACES ±		CHK'D BY		DATE			
	= 0					3 PLACES ±		MDICK		2013/03/22			
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	= 0					1 PLACE ± 0.3		VKOSHY		2012/09/04			
						0 PLACES ±		DRAWING SIZE		THIRD ANGLE PROJECTION			
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D					
RELEASE STATUS			P1	RELEASE DATE			31.10.2017		21:13:47				
DOCUMENT NUMBER			SD-31280-200				DOC TYPE		PSD	DOC PART	SHEET NUMBER		
									001	5 OF 5			

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:

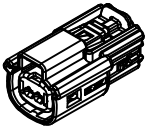
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- STANDARD CONFIGURATION SD-33471-0002
 - UL V0 CONFIGURATION SD-160105-0002

3. DESIGN - GEOMETRY:

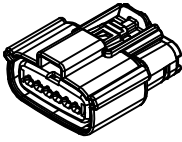
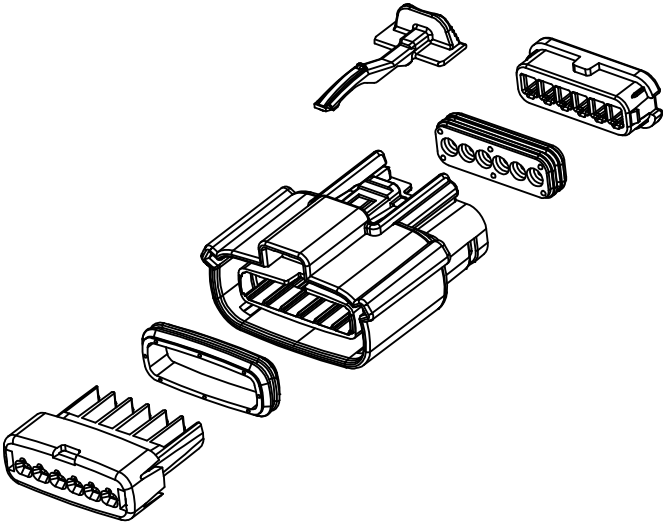
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS, DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED 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:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - 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
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1X6	*150-S-006-1-Z03	SD-33481-0001



1x2



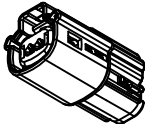
1x6

INSPECTION NUMBER LOG		A	MINOR GEOMETRY CHANGE FOR UL V0
LAST NUMBER: 11		2	UPDATE VIEWSETS
ADDED: 11		1	INITIAL RELEASE
REMOVED:		REV	REV DESCRIPTION
SCALE 1.5:1		SCALE	DESIGN UNITS METRIC
DIMENSION STYLE MM ONLY		THIRD ANGLE PROJECTION	
DRAWN BY DATE		TITLE	
APPROVED BY DATE		MX150 RCPT	
MATERIAL NO.		SINGLE ROW SEALED ASSY	
SIZE 1		MAT SEAL	
SEE NOTE 2a.		molex	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		DOCUMENT NO. SD-33471-0001	
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 8	

ENTER DESCRIPTION EC NO: UAU2016-1641 DRAWN BY: DRWNBETANG CHKD: CHKD: APPR: KDEKOSKI REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
		mm		INCH	
		4 PLACES	± .005	± .005	± .005
		3 PLACES	± .005	± .005	± .005
		2 PLACES	± .010	± .005	± .005
A	REV	1 PLACE	± 0.2	± .005	± .005
		0 PLACE	± .005	± .005	± .005
		ANGULAR ± 1 °			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

SHEET DESCRIPTION

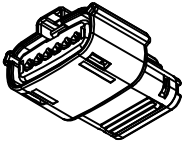
CONFIGURATIONS



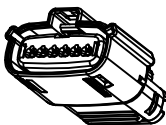
1x2 - STD



1x2 - UL V0*



1x6 - STD



1x6 - UL V0*

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

ENTER DESCRIPTION EC NO: UAU2016-1641 DRAWN BY: CHYKD CHKD: APPR:KDEKOSKI A	2016/05/10 2016/06/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm		INCH		DRAWN BY APPROFIT	DATE 2015/11/04	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex SD-33471-0001		
								CHECKED BY	DATE			
								APPROVED BY KDEKOSKI	DATE 2016/06/14			
								MATERIAL NO.	SEE NOTE 2a.			
				ANGULAR ± 1 °				DOCUMENT NO.		SHEET NO. 2 OF 8		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A 1				
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																								
SHEET DESCRIPTION KEY CONFIGURATIONS																																											
1X2																																											
60° 60° KEY A 60° 35° KEY B 35° 60° KEY C 35° 35° KEY D																																											
ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN:BTANG 2016/05/10 CHKD: CHYKD APPR:KDEKOSKI 2016/06/14 REV						QUALITY SYMBOLS =0 =0 =0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>3 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>2 PLACES</td><td>± 0.10</td><td>± .---</td></tr><tr><td>1 PLACE</td><td>± 0.2</td><td>± .---</td></tr><tr><td>0 PLACE</td><td>± .---</td><td>± .---</td></tr></tbody></table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .---	2 PLACES	± 0.10	± .---	1 PLACE	± 0.2	± .---	0 PLACE	± .---	± .---	DIMENSION STYLE MM ONLY <table><thead><tr><th>DRAWN BY</th><th>DATE</th></tr></thead><tbody><tr><td>APPROFIT</td><td>2015/11/04</td></tr><tr><th>CHECKED BY</th><th>DATE</th></tr><tr><td></td><td></td></tr><tr><th>APPROVED BY</th><th>DATE</th></tr><tr><td>KDEKOSKI</td><td>2016/06/14</td></tr></tbody></table> MATERIAL NO. SEE NOTE 2a. SIZE A1		DRAWN BY	DATE	APPROFIT	2015/11/04	CHECKED BY	DATE			APPROVED BY	DATE	KDEKOSKI	2016/06/14	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex DOCUMENT NO. SD-33471-0001 SHEET NO. 3 OF 8	
	mm	INCH																																									
4 PLACES	± .---	± .---																																									
3 PLACES	± .---	± .---																																									
2 PLACES	± 0.10	± .---																																									
1 PLACE	± 0.2	± .---																																									
0 PLACE	± .---	± .---																																									
DRAWN BY	DATE																																										
APPROFIT	2015/11/04																																										
CHECKED BY	DATE																																										
APPROVED BY	DATE																																										
KDEKOSKI	2016/06/14																																										
1b_frame_A1_P_AM_T Rev. G 2012/01/11						19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																			

ENTER DESCRIPTION
EC NO: UAU2016-1641
DRWN:BTANG 2016/05/10
CHKD: CHYKD
APPR:KDEKOSKI 2016/06/14
REV

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
=0	4 PLACES ± ---	± ---
=0	3 PLACES ± ---	± ---
=0	2 PLACES ± 0.10	± ---
=0	1 PLACE ± 0.2	± ---
=0	0 PLACE ± ---	± ---
	ANGULAR ± 1 °	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
APPROVED BY	DATE
DATE	2015/11/04
DATE	2016/06/14
MATERIAL NO.	
SEE NOTE 2a.	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

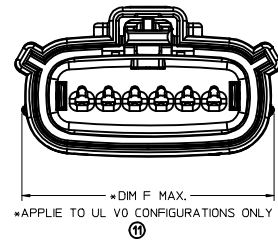
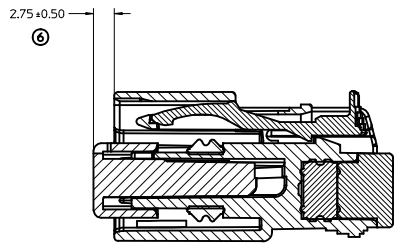
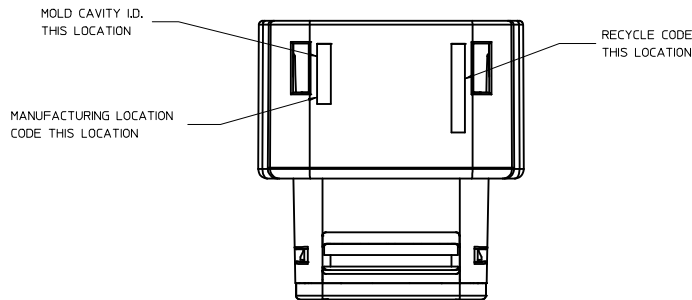
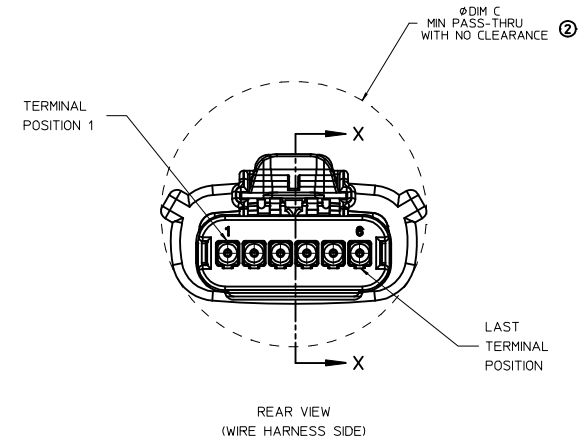
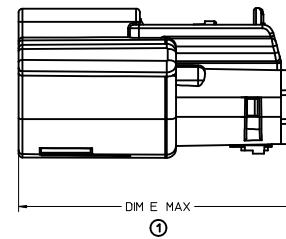
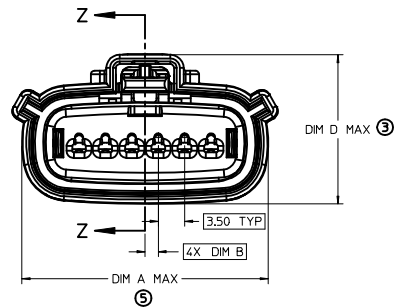
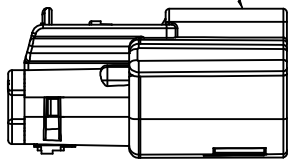
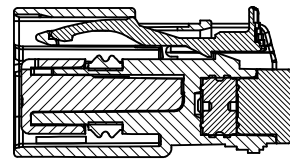
SCALE	3:1	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION
TITLE				
MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL				
molex				
DOCUMENT NO.				
SD-33471-0001				
SHEET NO.				
3 OF 8				

SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY - STD

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

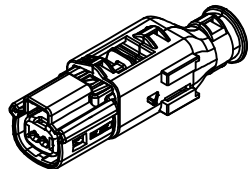
LASER MARKING ON THIS SURFACE
SEE NOTE 3g.PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION
SECTION Z-ZPRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION
SECTION X-X

ENTER DESCRIPTION EC NO: UAU2016-1641 DRAWN BY: DRWNBKTBANG CHKD: CHYKD APPR: KDEKOSKI REV: A	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY APPROFFITT	DATE 2015/11/04	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL			
		4 PLACES	±	---	±	---	CHECKED BY		DATE	APPROVED BY KDEKOSKI
		3 PLACES	±	---	±	---	APPROVED BY		DATE 2016/06/14	
		2 PLACES	±	0.10	±	0.10	MATERIAL NO. SEE NOTE 2a.		DOCUMENT NO. SD-33471-0001	
1 PLACE	±	0.2	±	0.2	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
0 PLACE	±	---	±	---						

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET DESCRIPTION

BACKSHELL NOTES



1X2

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.

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34949-XXXX

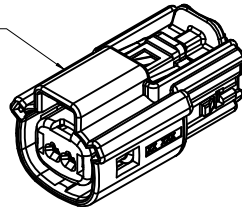
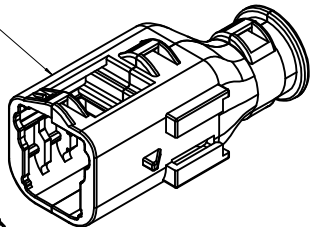
- CUSTOMER MODEL COMPONENTS
- 0 - BACKSHELL ONLY
 - 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
 - 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
 - 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
 - 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

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

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

BACKSHELL (BKS)

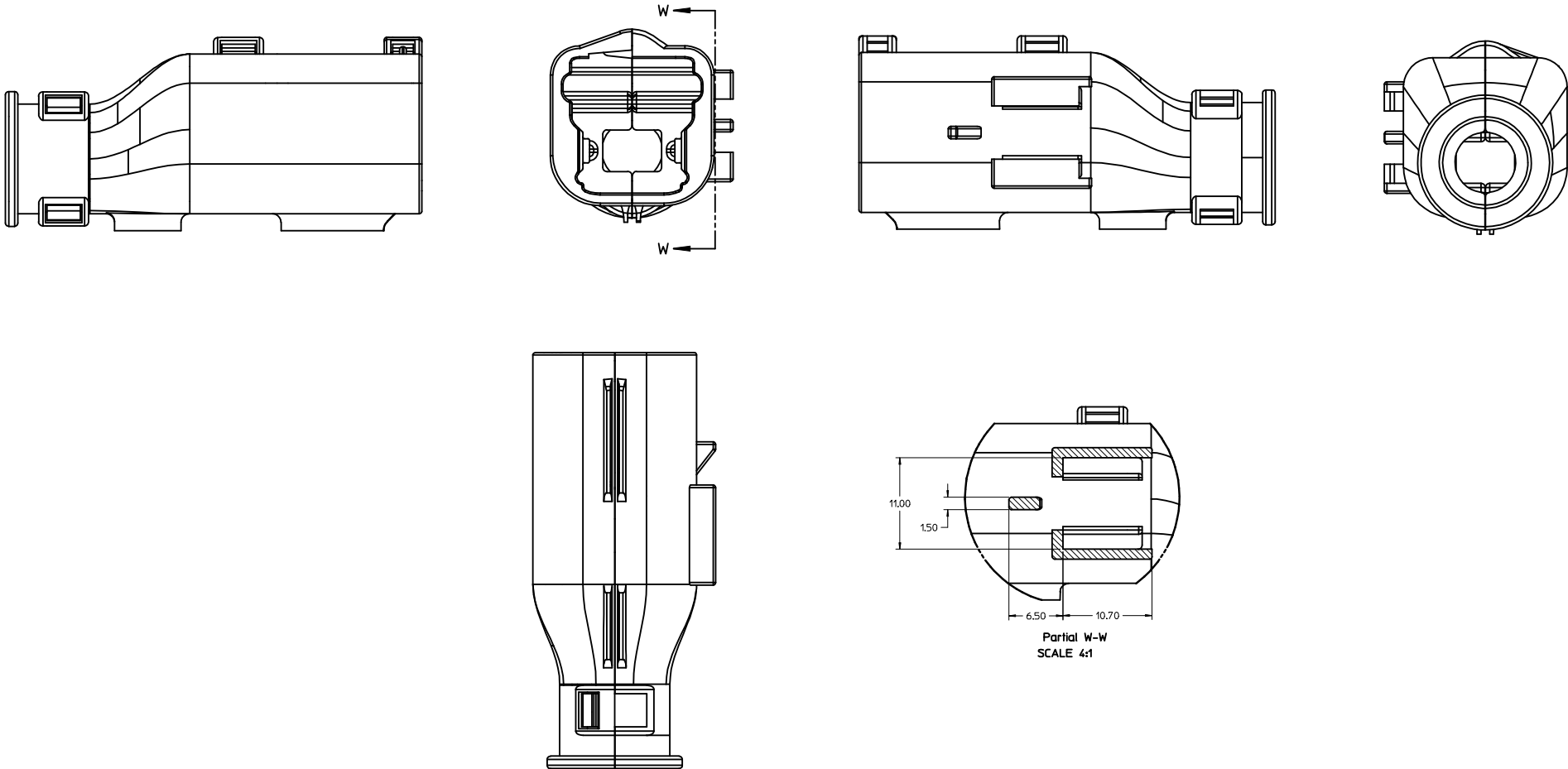
RECEPTACLE SEALED ASSEMBLY



ENTER DESCRIPTION EC NO: UAU2016-1641 DRAWN BY: TANG CHKD: CHEN APPR: KDEKOSKI REV: A	DESCRIPTION 2016/06/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY APPROFIT	DATE 2015/11/04	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL					
			4 PLACES	± .---	± .---	CHECKED BY	DATE	molex					
			3 PLACES	± .---	± .---	APPROVED BY KDEKOSKI							
			2 PLACES	± 0.10	± .---	DATE 2016/06/14							
			1 PLACE	± 0.2	± .---	MATERIAL NO. SEE NOTE 2a.		DOCUMENT NO. SD-33471-0001					
			0 PLACE	± .---	± .---								
						ANGULAR ± 1 °				SHEET NO. 6 OF 8			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A1						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

SHEET DESCRIPTION

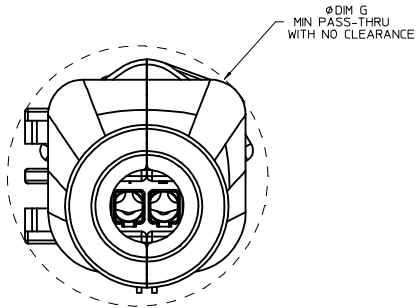
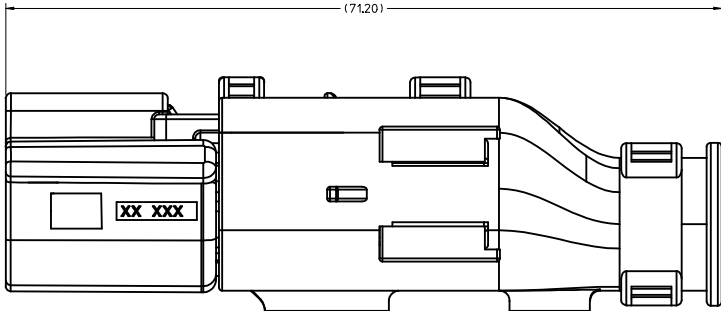
BACKSHELL



ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN: BTANG CHKD: APPR: KDEKOSKI	DESCRIPTION 2016/06/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm INCH		DRAWN BY APPROFFITT	DATE 2015/11/04	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL			
					CHECKED BY	DATE				
					APPROVED BY KDEKOSKI	DATE 2016/06/14				
			4 PLACES ± --- ± ---		3 PLACES ± --- ± ---		molex			
			2 PLACES ± 0.10 ± ---		1 PLACE ± 0.2 ± ---					
			0 PLACE ± --- ± ---							
			ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 2a.		SD-33471-0001		SHEET NO. 7 OF 8	
			SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

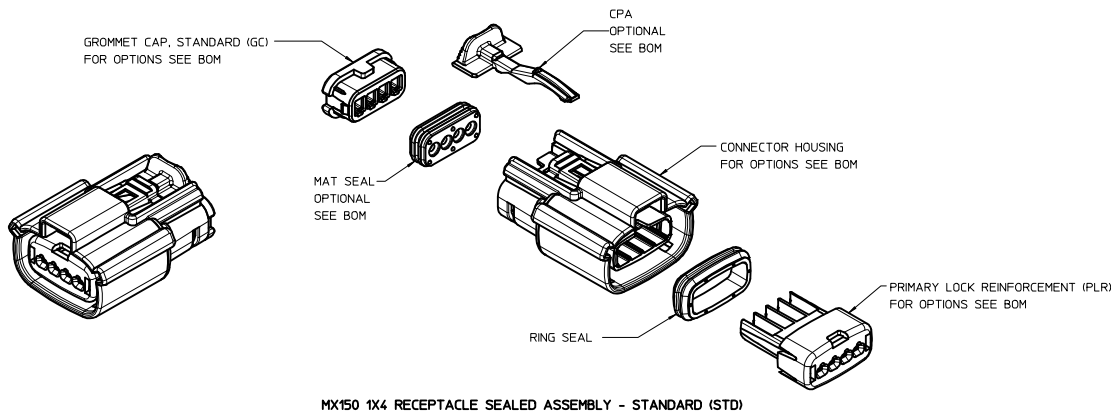
SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

CHARTED DIMENSIONS	
DESCRIPTION	DIMENSIONS
	G
1X2	26.00

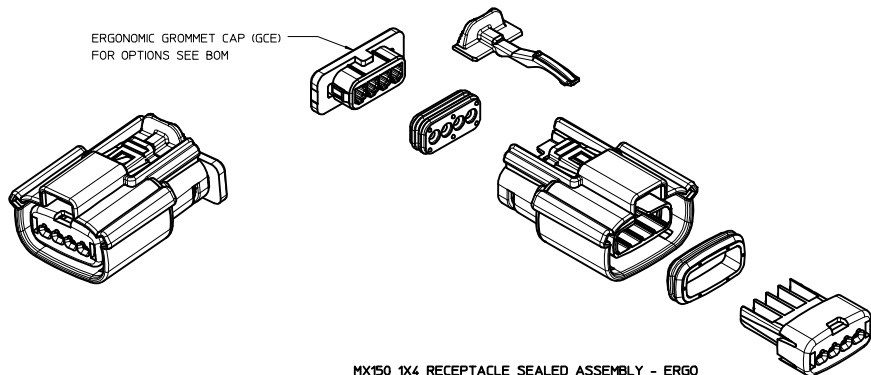


RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

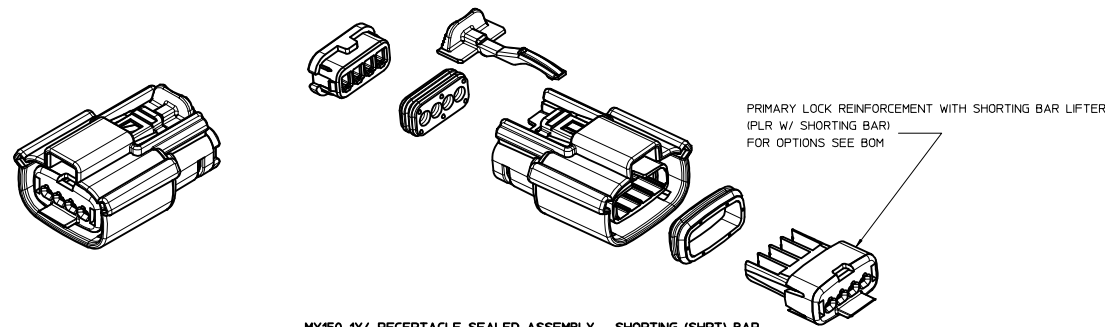
ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN:BTANG 2016/05/10 CHKD: APPR:KDEKOSKI 2016/06/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				DRAWN BY DATE		TITLE		
				APPROFIT 2015/11/04		MX150 RCPT		
				CHECKED BY DATE		SINGLE ROW SEALED ASSY		
				APPROVED BY DATE		MAT SEAL		
				KDEKOSKI 2016/06/14		molex		
			ANGULAR ± 1 °		DOCUMENT NO.		SHEET NO. 8 OF 8	
			SEE NOTE 2a.		SD-33471-0001			
			SIZE A 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					



MX150 1X4 RECEPTACLE SEALED ASSEMBLY - STANDARD (STD)



MX150 1X4 RECEPTACLE SEALED ASSEMBLY - ERGO
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY



MX150 1X4 RECEPTACLE SEALED ASSEMBLY - SHORTING (SHRT) BAR
UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY

TABLE OF CONTENTS

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

NOTES: VALID UNLESS OTHERWISE SPECIFIED

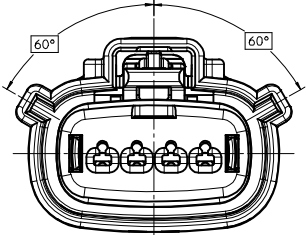
1. GENERAL:

- 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-004-1-203, AVAILABLE AT <http://ewcap.uscarteams.org/>
-SHORTING BAR CONFIGURATIONS DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN DRAWING SD-31280-200
-FOR 15mm 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, 40N MAX.
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

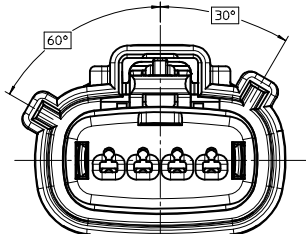
INSPECTION NUMBER LOG
LAST NUMBER USED: 5
ADDED:
REMOVED: 2

ENTER DESCRIPTION LEC NO: UAU2017-0052 DRAWN BY: 2016/07/27 CHKD: 2016/07/27 APPR: JDE002 REV: W2	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ± ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE DGRIFFI THS 2010/03/31 CHECKED BY DATE MDICK 2011/08/11 APPROVED BY DATE VKOSHY 2010/04/06 MATERIAL NO. SEE BOM	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MX150 1X4 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33471-041	SHEET NO. 1 OF 6

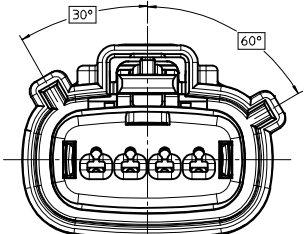
KEY CONFIGURATIONS



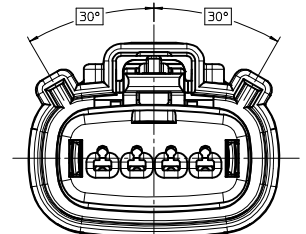
KEY A



KEY B



KEY C

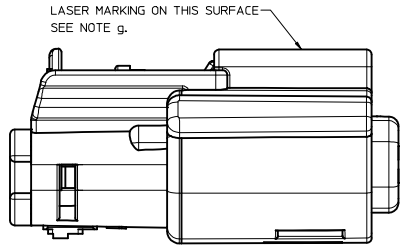


KEY D

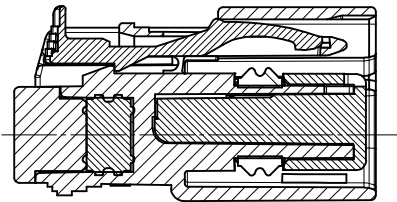
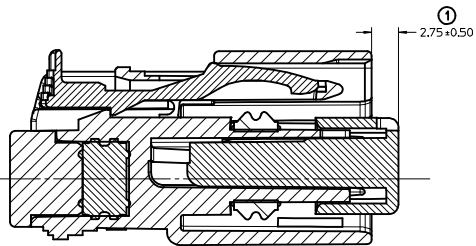
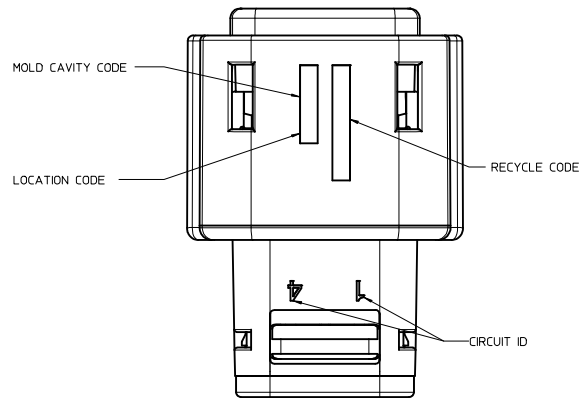
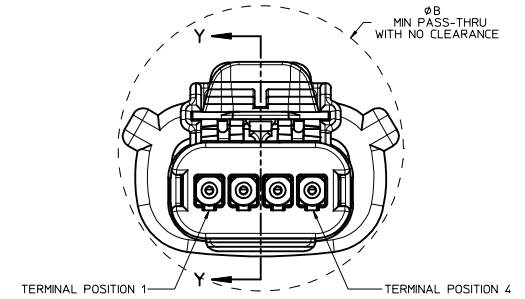
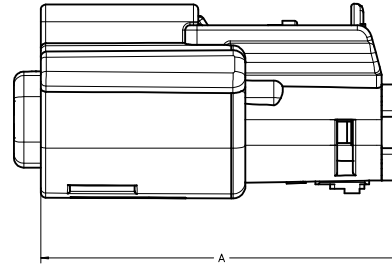
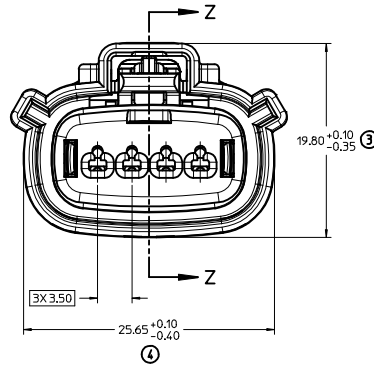
ENTER DESCRIPTION EC NO: UAU2017-0052 DRW: NTYE 2016/07/22 CHKD: APPR: JDENG02 2016/07/22 W2	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 1X4 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33471-041	SHEET NO. 2 OF 6	
				mm	INCH	DRAWN BY DATE								
		4 PLACES		± .005	± .005	DGR1FF1THS 2010/03/31								
		3 PLACES		± .010	± .010	CHECKED BY DATE								
		2 PLACES		± 0.10	± .010	MD1CK 2011/08/11								
		1 PLACE		± 0.3	± .030	APPROVED BY DATE								
		0 PLACE		± .005	± .005	VKOSHY 2010/04/06								
		ANGULAR ± .3 °				MATERIAL NO.								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE BOM								
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

RECEPTACLE SEALED ASSEMBLY



LASER MARKING ON THIS SURFACE
SEE NOTE g.



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

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

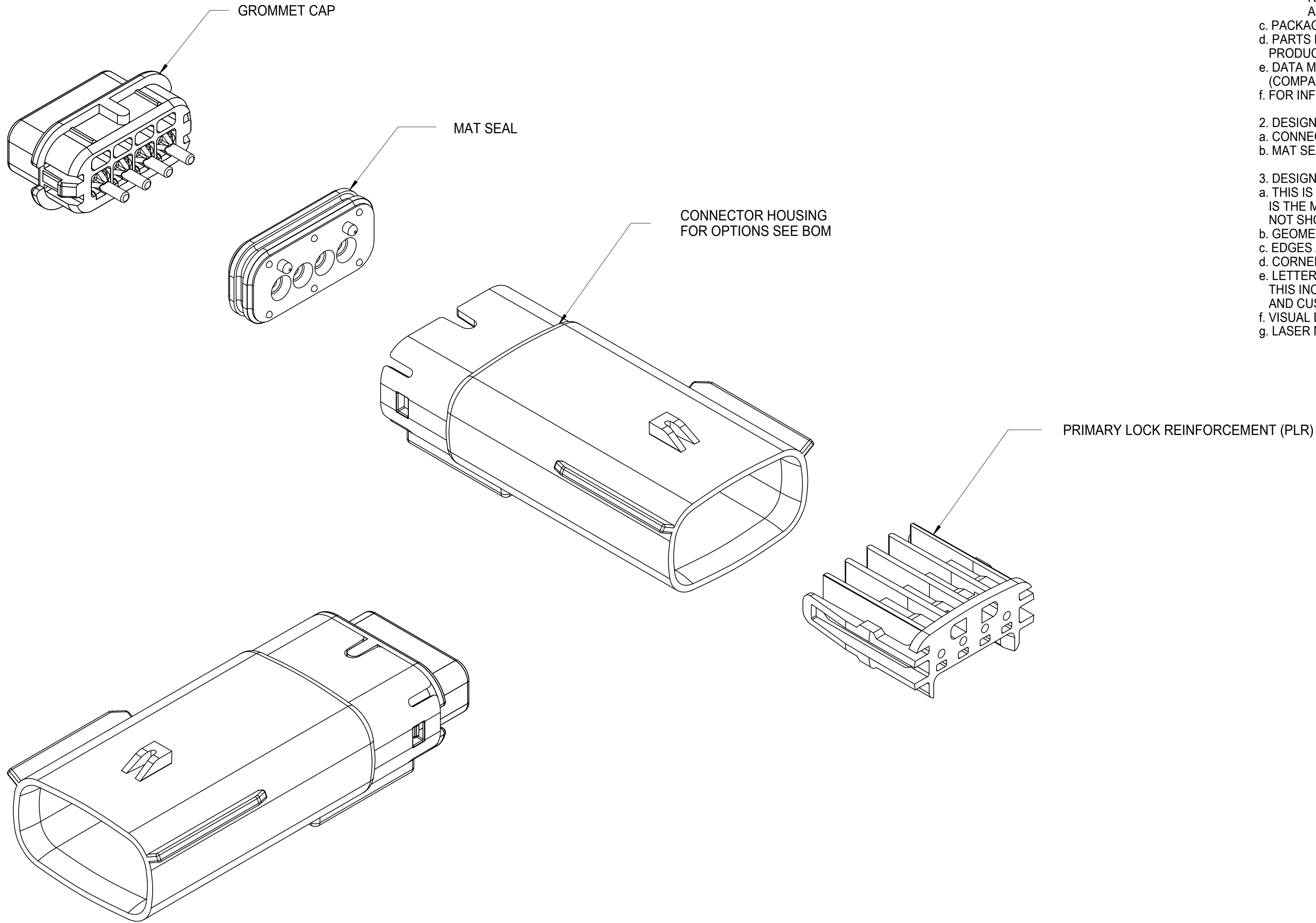
SECTION Z-Z

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

ENTER DESCRIPTION EC NO: UAU2017-0052 DRAWN BY: CHKO: W2	REV DESCRIPTION 2016/07/27 APPR: JDE602	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MX150 1X4 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33471-041	SHEET NO. 3 OF 6	
			mm		INCH		DRAWN BY DGR1FF1THS		DATE 2010/03/31				
			4 PLACES +---		+---		CHECKED BY MDICK		DATE 2011/08/11				
			3 PLACES +---		+---		APPROVED BY VKOSHY		DATE 2010/04/06				
			2 PLACES +0.10		+---		MATERIAL NO.						
			1 PLACE +0.3		+---		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			0 PLACE ±		±								
			ANGULAR ± 3 °		±								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

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

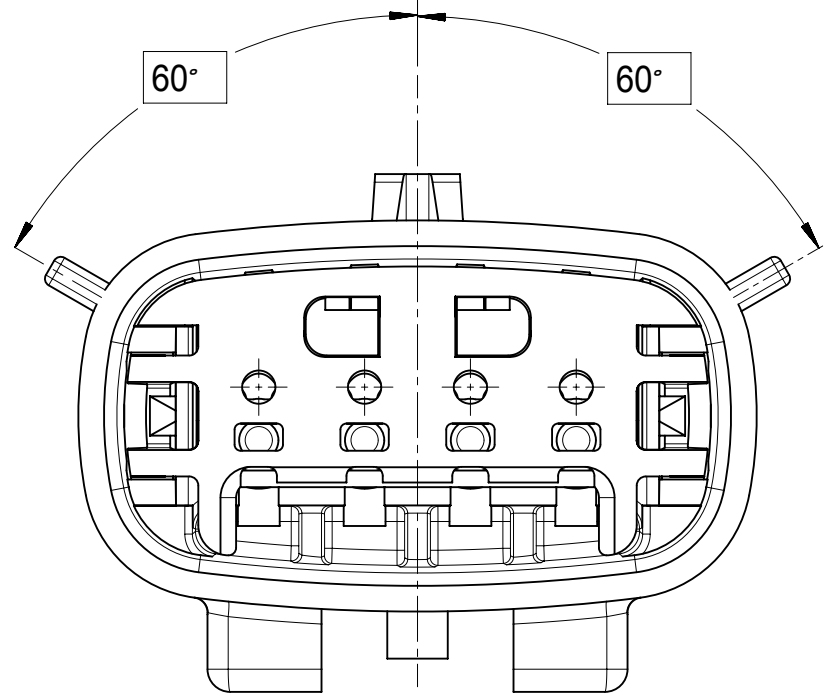
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
-DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY 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

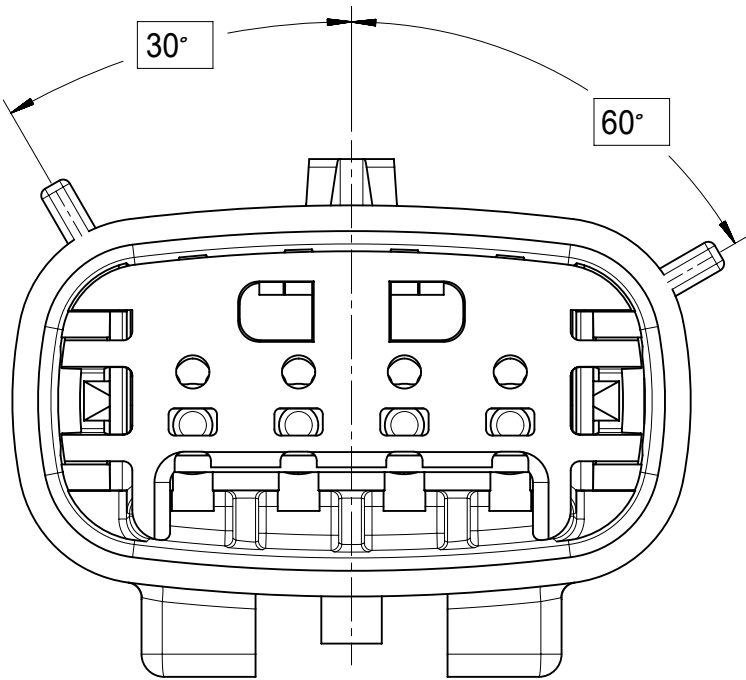
3. DESIGN - GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- c. EDGES AND UNDIMENSIONED DETAILS 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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 607930 DRWN: HKLIANG 2018/11/09 CHK'D: JDENG02 2018/12/04 APPR: JDENG02 2018/12/04 INITIAL REVISION: DRWN: DGRIFFITHS 2005/08/26 APPR: smarceau 2005/08/29			molex MX150 1X4 BLADE SEALED ASSEMBLY MAT SEAL				
	mm		3:1									
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING				
 = 0	ANGULAR TOL ±		3.0 °									
 = 0	4 PLACES		±					DOCUMENT NUMBER				DOC TYPE
 = 0	3 PLACES		±		SD-33481-041				PSD	001	W2	
 = 0	2 PLACES		± 0.1									
 = 0	1 PLACE		± 0.3		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				GENERAL MARKET			
 = 0	0 PLACES		±									
 = 0	THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
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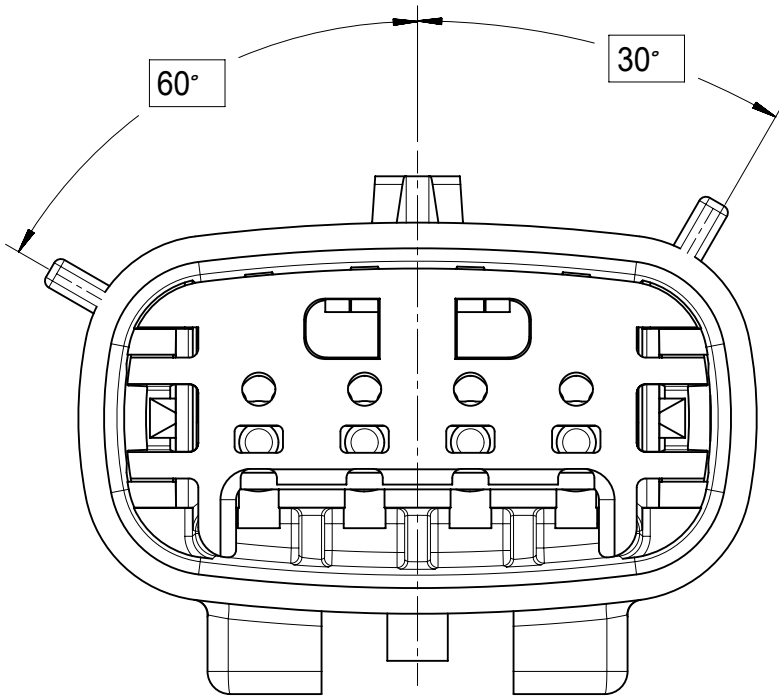
KEY CONFIGURATIONS



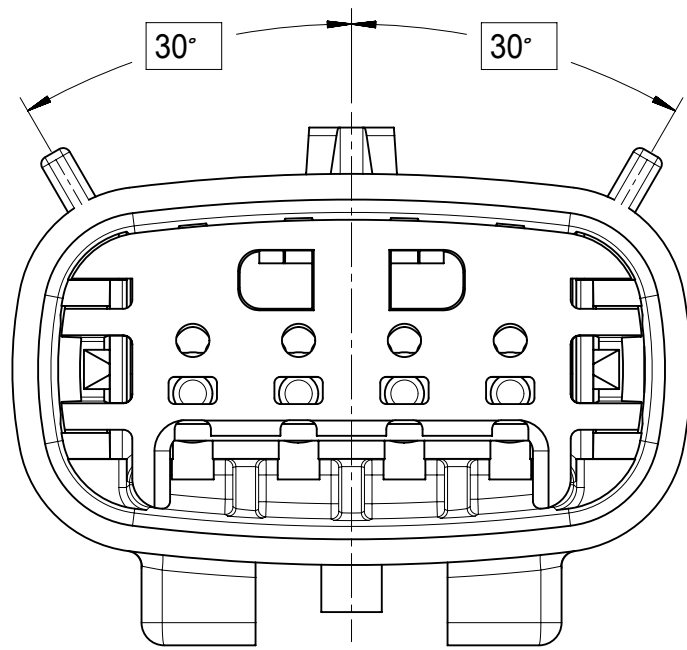
KEY A



KEY B

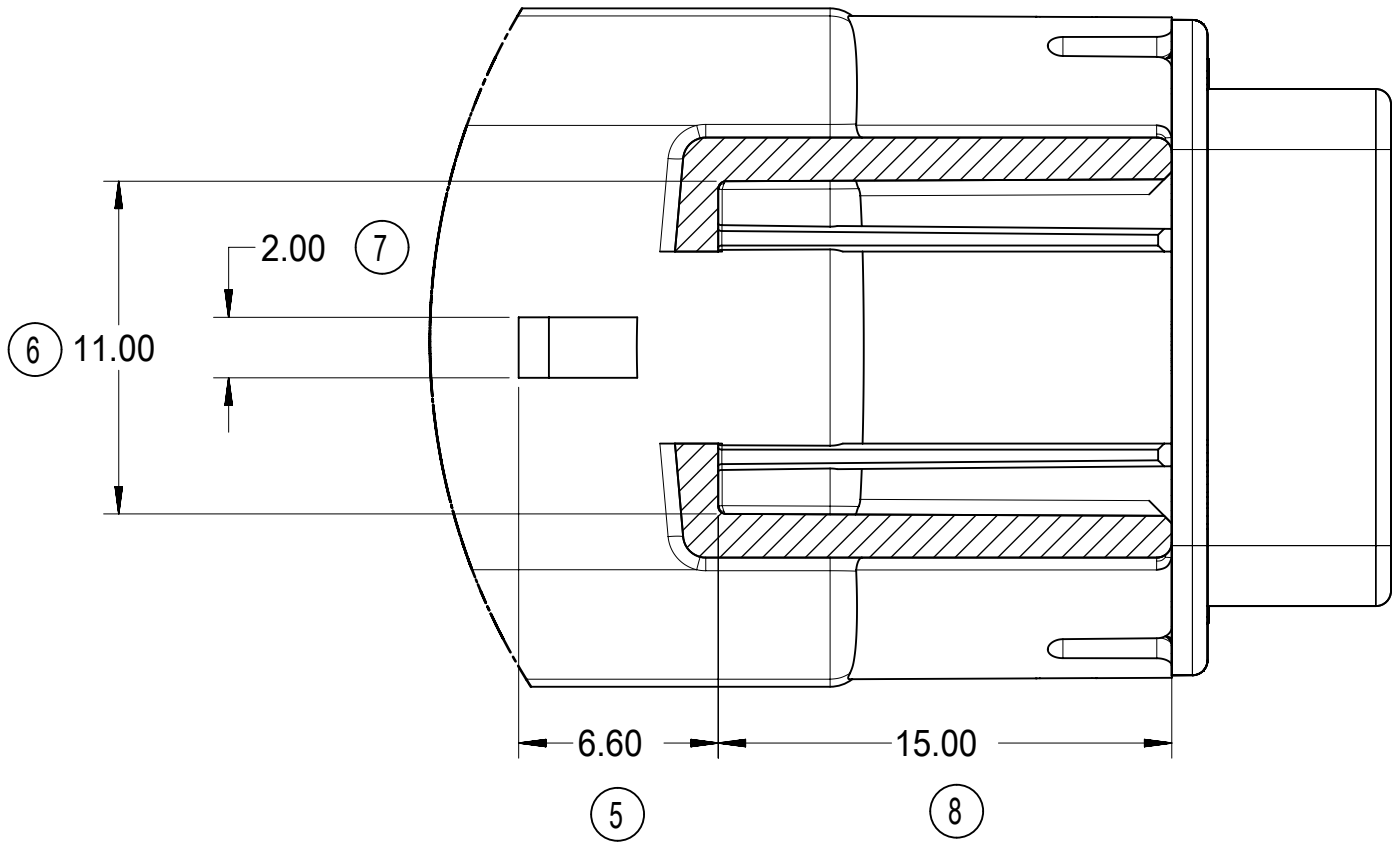
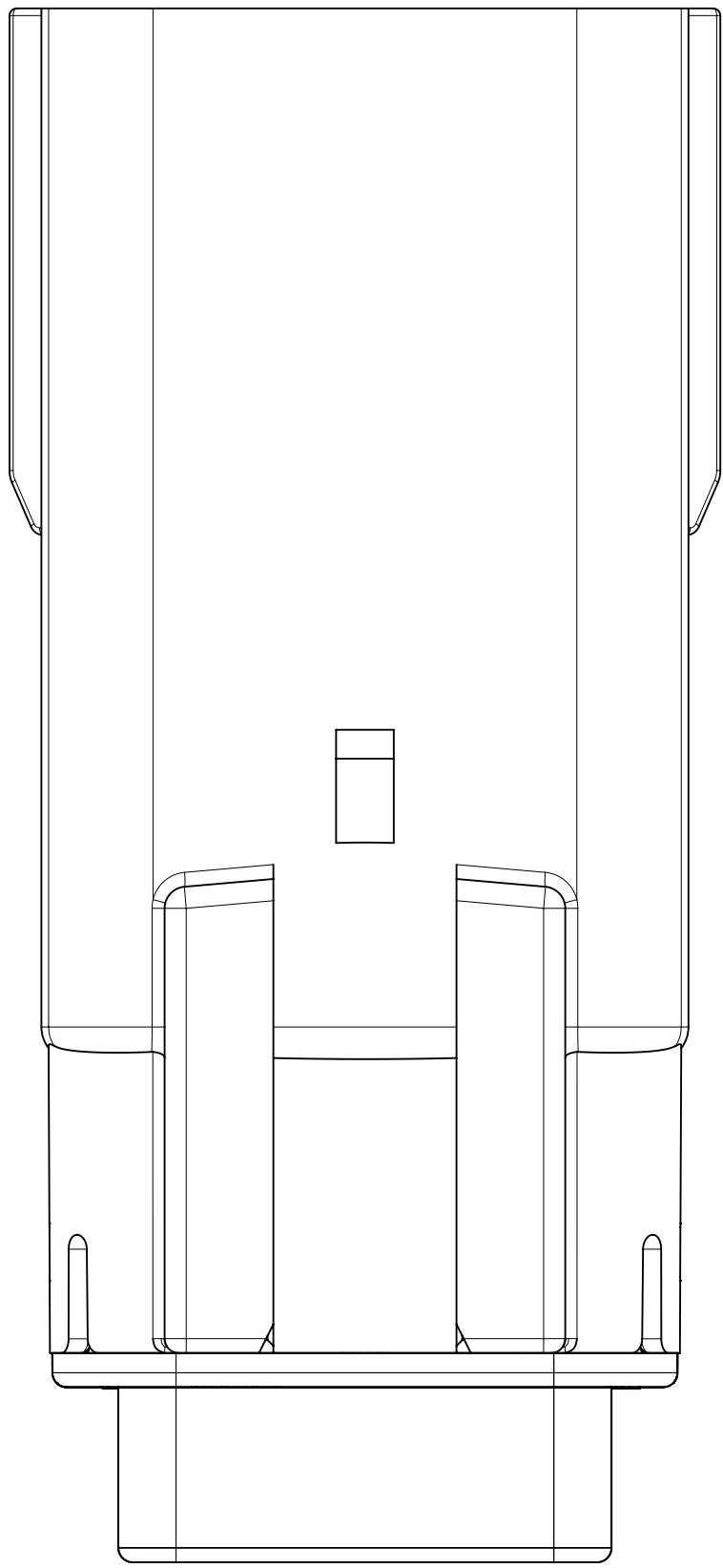
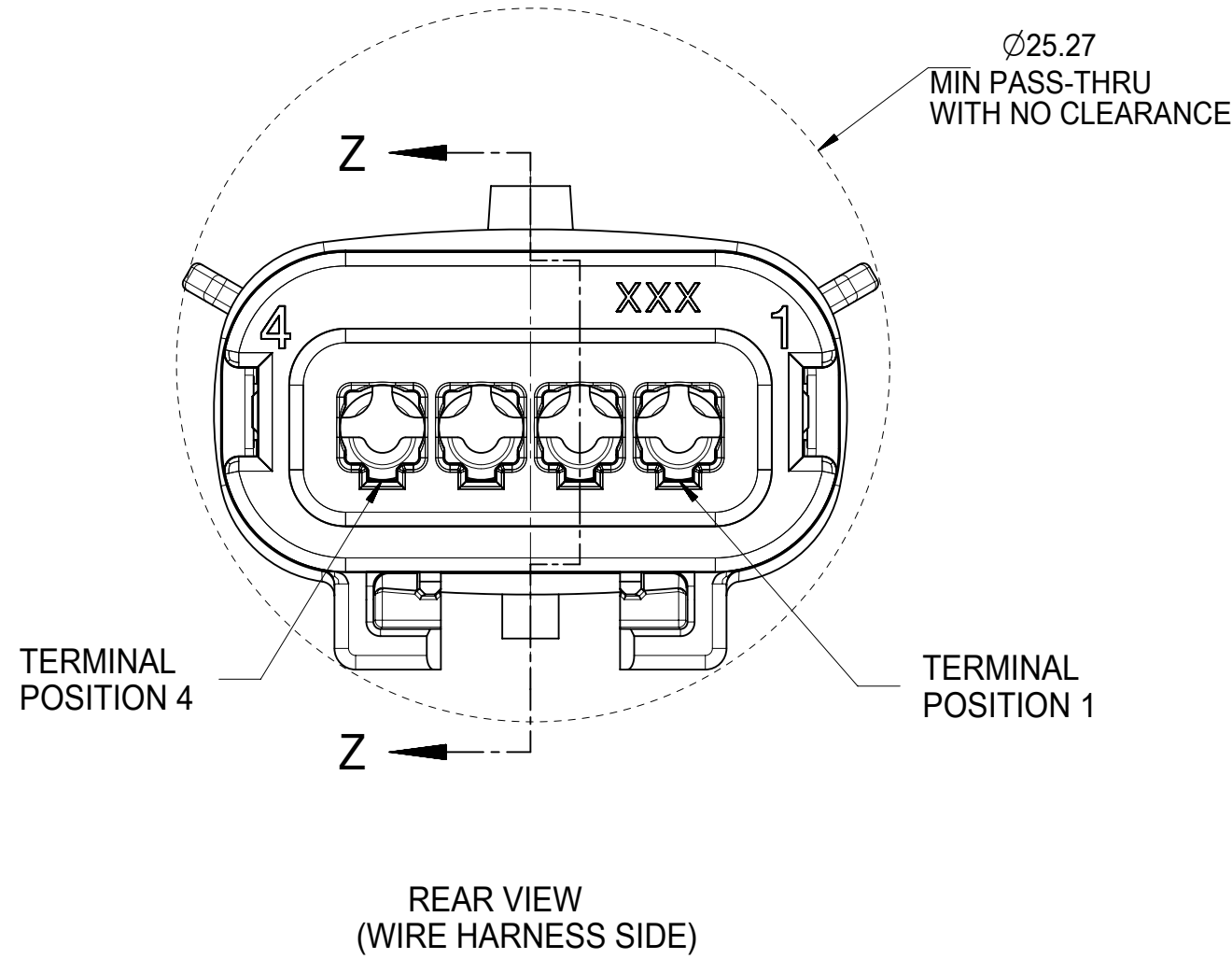
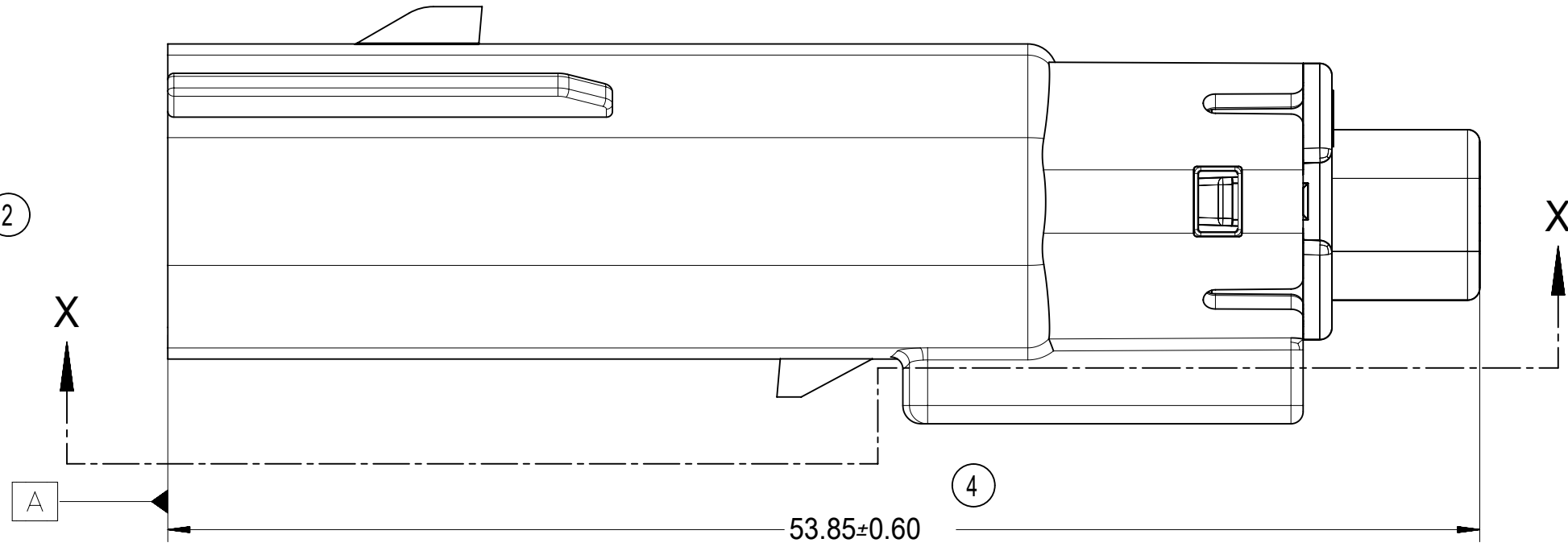
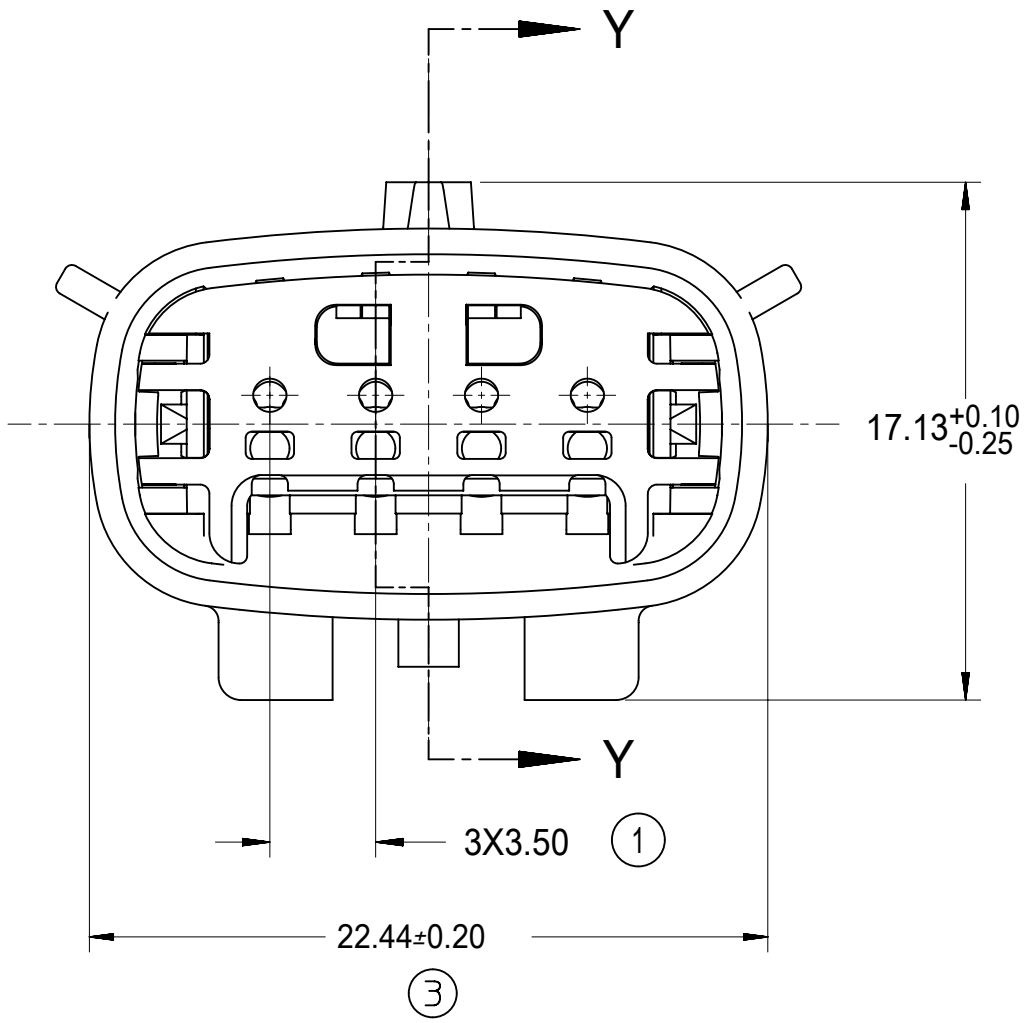
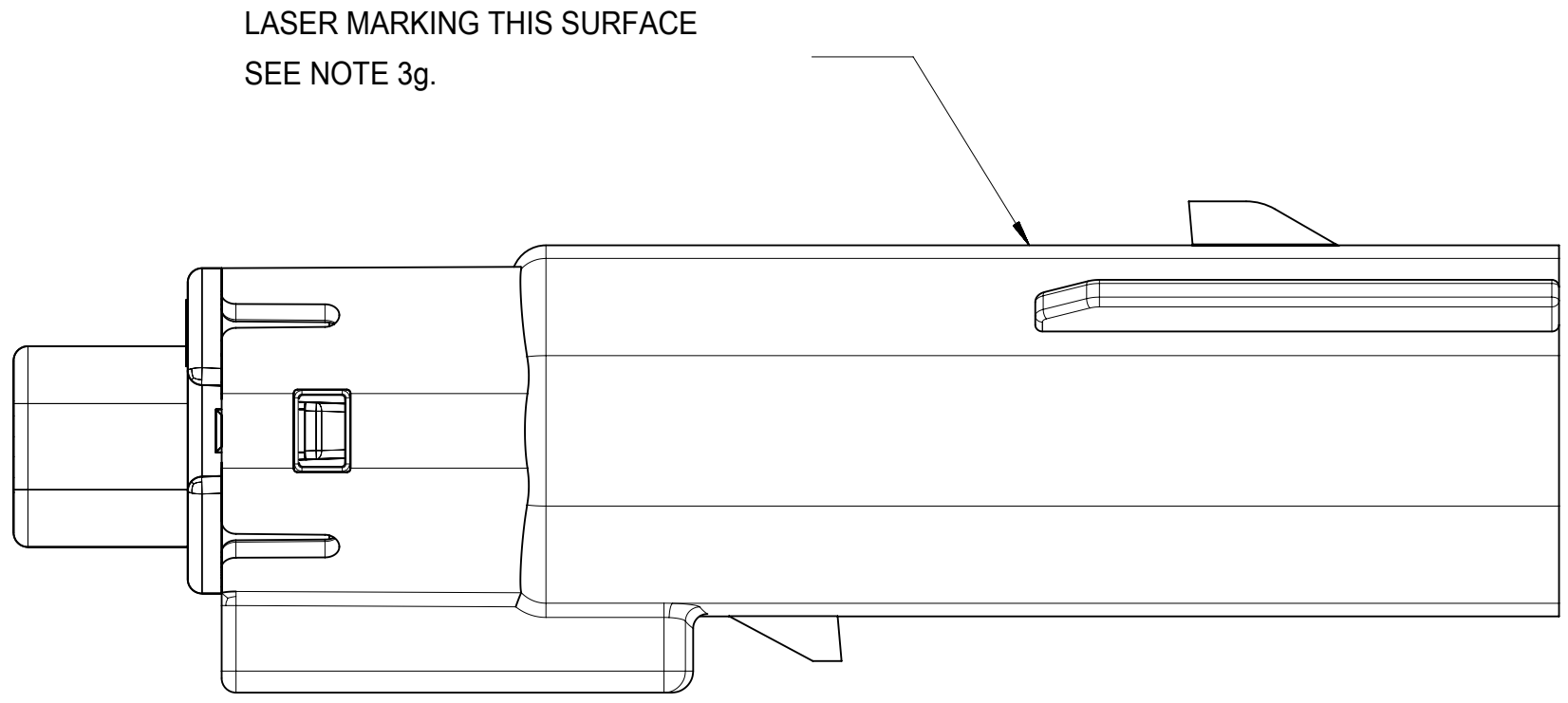


KEY C

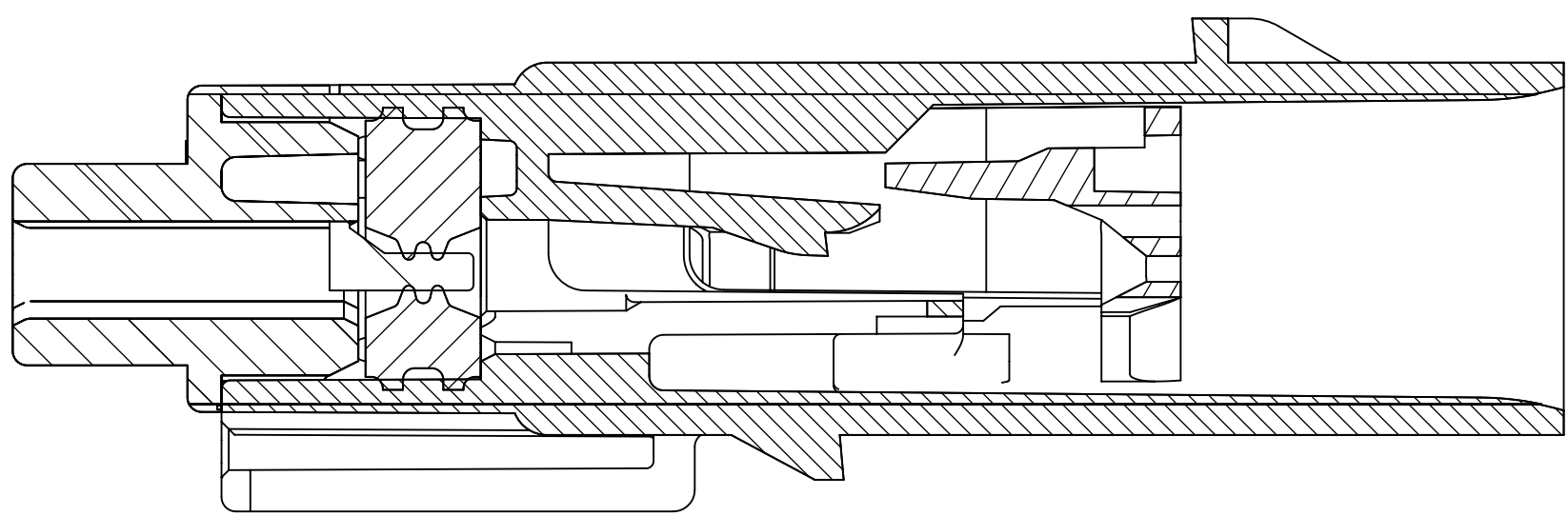


KEY D

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
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	= 0	mm		4:1											
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	= 0	4 PLACES		±		INITIAL REVISION: DRWN: DGRIFITHS 2005/08/26 APPR: smarceau 2005/08/29				PRODUCT CUSTOMER DRAWING					
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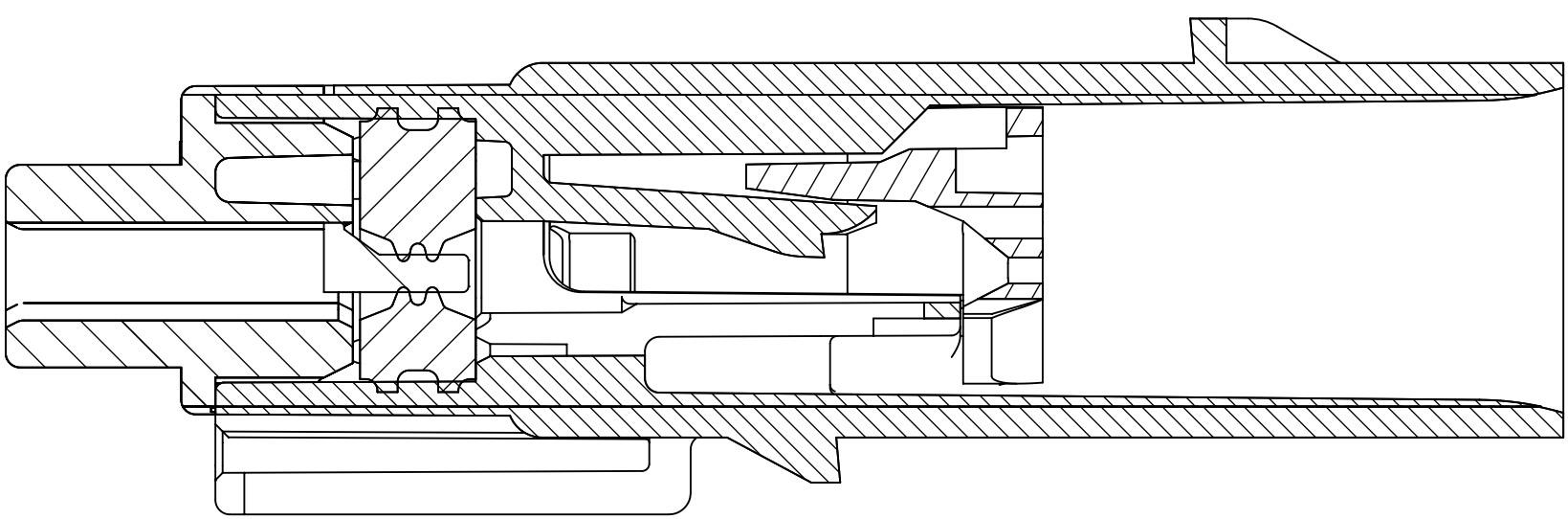


PARTIAL X-X
SCALE 4:1



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

SECTION Z-Z



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

SECTION Y-Y

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			
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INITIAL REVISION:											
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2 PLACES ± 0.1											
1 PLACE ± 0.3											
0 PLACES ±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE				GENERAL MARKET		3 OF 5	
				33481							

