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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 RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING 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: PK-31300-635 (PK-33471-000 FOR 1X5)
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

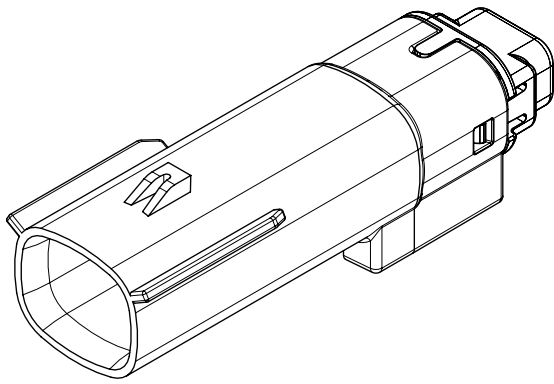
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION: TBD
 - UL V0 CONFIGURATION: SD-160106-0002

3. DESIGN - GEOMETRY:

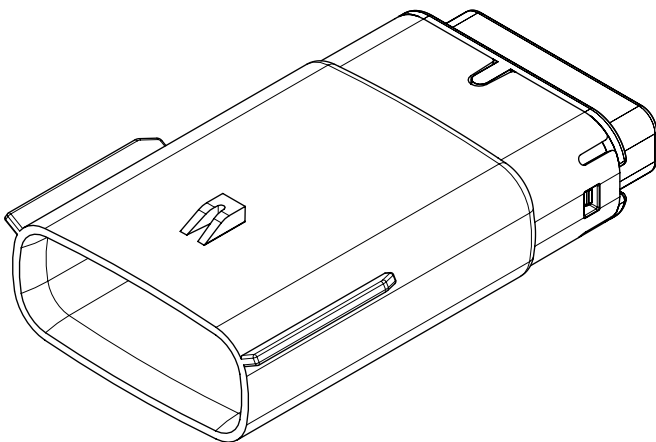
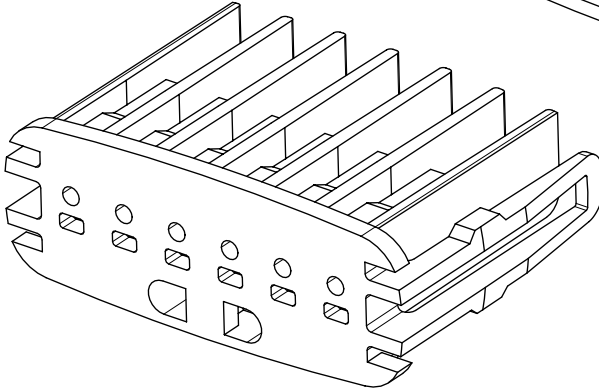
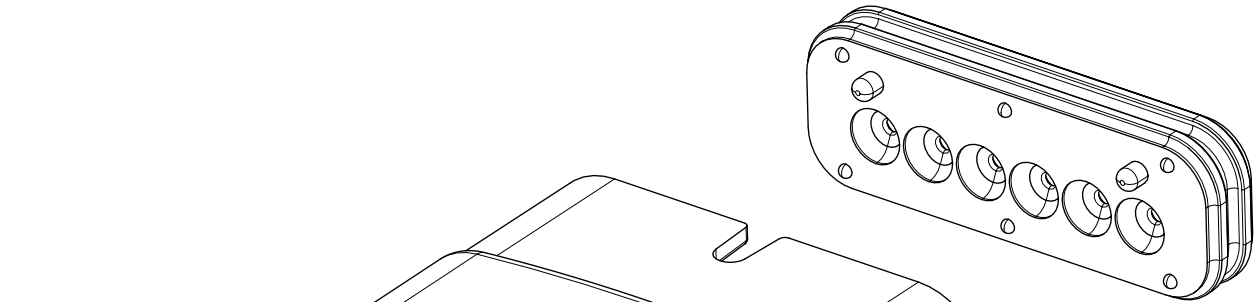
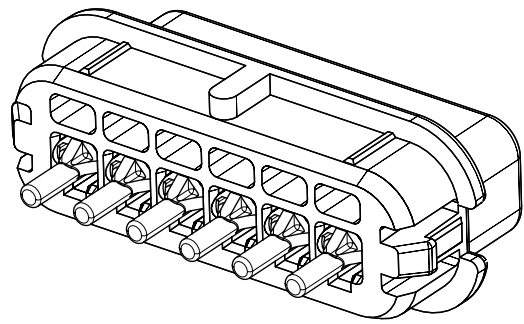
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED 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.

MATING CONNECTOR DRAWINGS

DESCRIPTION	MOLEX INLINE
1X2	SD-33471-0001
1X6	SD-33471-0001



1X2



1X6

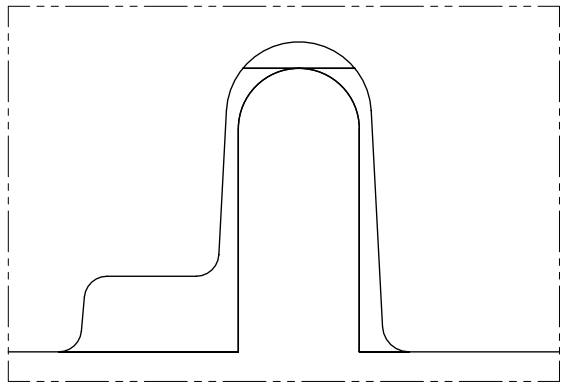
A2	CHANGE STANDARD CONFIGURATION TO TBD. SEE NOTES 2.a
A1	NX REMASTERING , CHANGE PS DRAWING NUMBER FROM PS-160105-0001 TO PS-160074-0001 IN NOTES 1.b
A	MINOR GEOMETRY CHANGE FOR UL V0
2	UPDATED VIEWSETS
1	INITIAL RELEASE
REV	REV DESCRIPTION

INSPECTION NUMBER LOG	
LAST NUMBER: 9	
ADDED:	
REMOVED:	

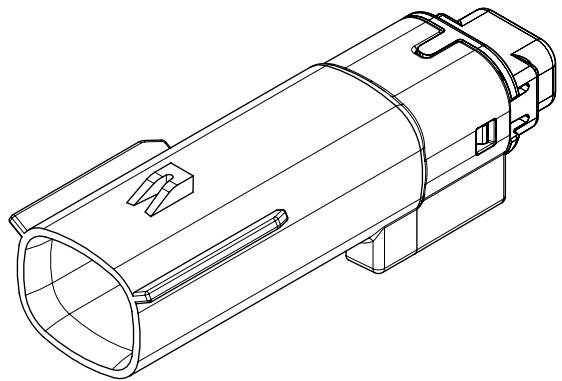
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex			
	DIMENSION UNITS	SCALE			MX150 BLADE SINGLE ROW SEALED ASSY			
= 0	MM ONLY	1.5:1						
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							
= 0	ANGULAR TOL	± 0.5 °						
= 0	4 PLACES	± 0						
= 0	3 PLACES	± 0						
= 0	2 PLACES	± 0						
= 0	1 PLACE	± 0						
= 0	0 PLACES	± 0						
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
	THIRD ANGLE PROJECTION	DRAWING	SERIES					
		A1-SIZE	33481					
					DOCUMENT NUMBER		DOC TYPE	DOC PART
					SD-33481-0001		PSD	001
								A2
					SHEET NUMBER			
					1 OF 9			

DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024	15:02:02
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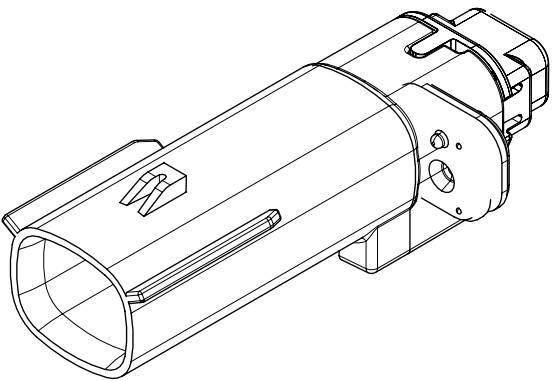
SHEET DESCRIPTION
CONFIGURATIONS



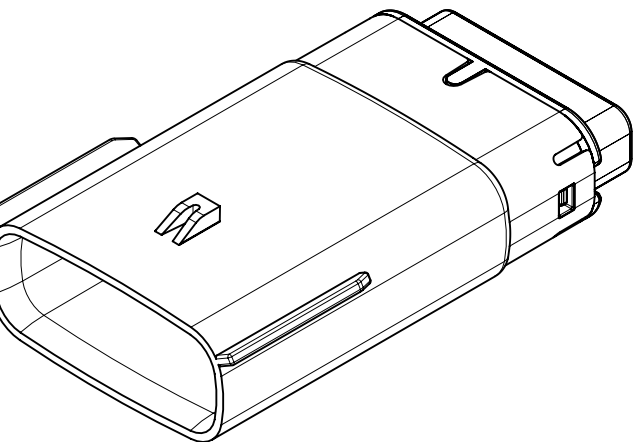
UL V0 UNIQUE FEATURE
Partial1
SCALE 10:1



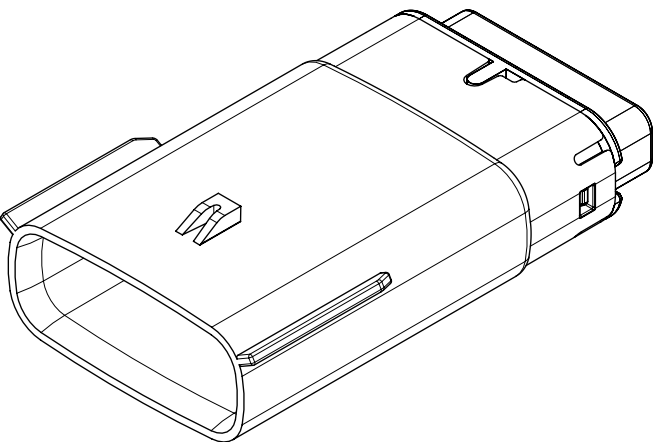
1x2 - STD



1X2 - UL V0*



1x6 - STD



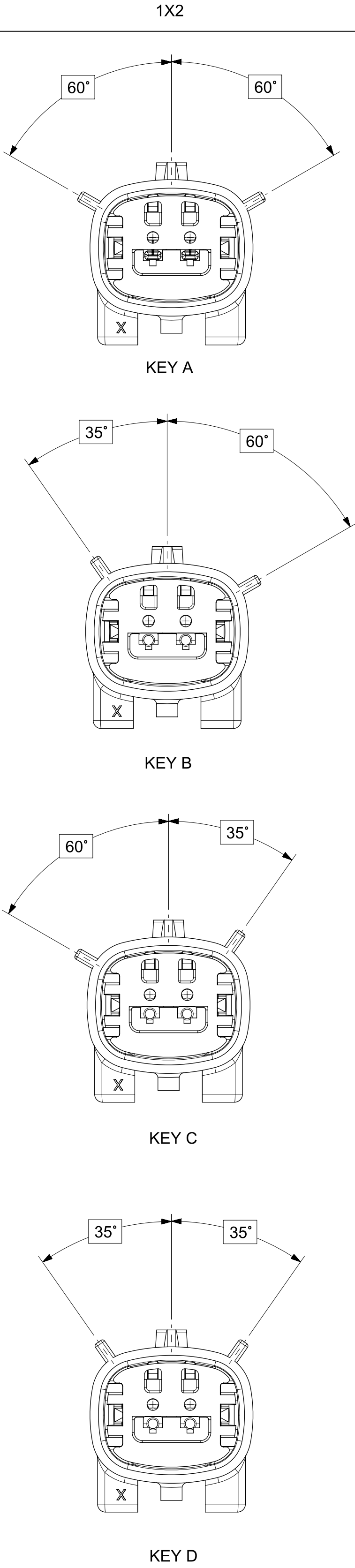
1x6 - UL V0*

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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
 = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: CO-000012501 DRWN: Yann Chen 02-Sep-2022 CHK'D: Matt Young 08-May-2024 APPR: Elvis Song 10-May-2024 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14				molex								
	MM ONLY		1.5:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)								PRODUCT SALES DRAWING								
	ANGULAR TOL ± 0.5°																
	4 PLACES ± 0																
	3 PLACES ± 0																
	2 PLACES ± 0																
	1 PLACE ± 0																
	0 PLACES ± 0																
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												THIRD ANGLE PROJECTION		DRAWING		SERIES
						A1-SIZE		33481		SD-33481-0001		PSD		001		A2	
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE NOTE 2a.		GENERAL MARKET		2 OF 9			

SHEET DESCRIPTION

KEY CONFIGURATIONS

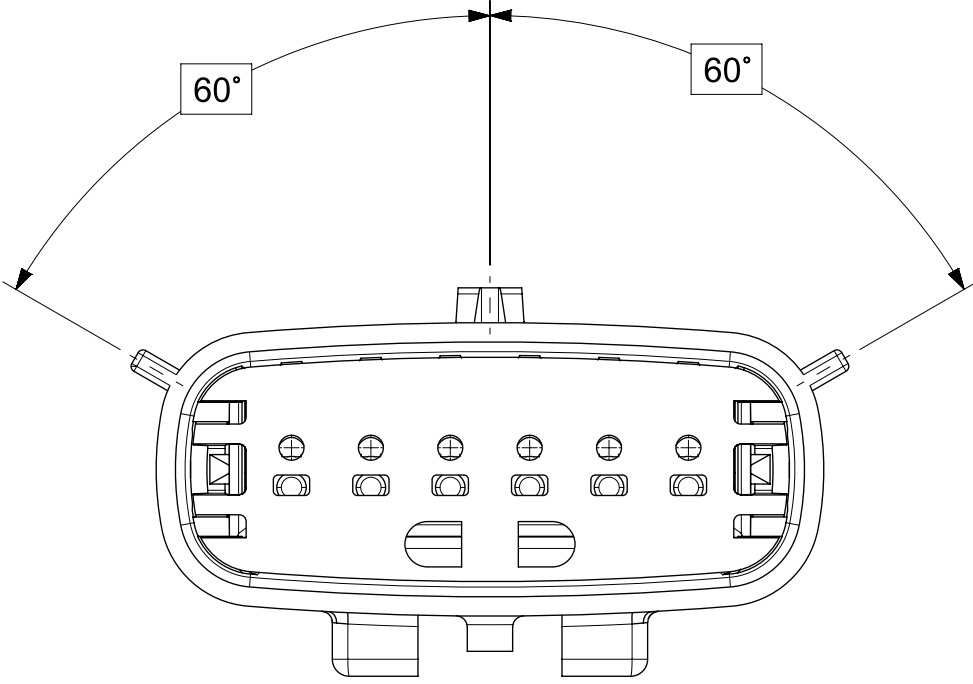


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	MM ONLY		3:1												
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									MX150 BLADE SINGLE ROW SEALED ASSY					
 = 0	ANGULAR TOL ± 0.5 °														
 = 0	4 PLACES ± 0														
 = 0	3 PLACES ± 0				PRODUCT SALES DRAWING										
 = 0	2 PLACES ± 0									DOCUMENT NUMBER					
 = 0	1 PLACE ± 0									SD-33481-0001					
 = 0	0 PLACES ± 0									DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
 = 0					A1-SIZE		33481		SEE NOTE 2a		GENERAL MARKET		3 OF 9		

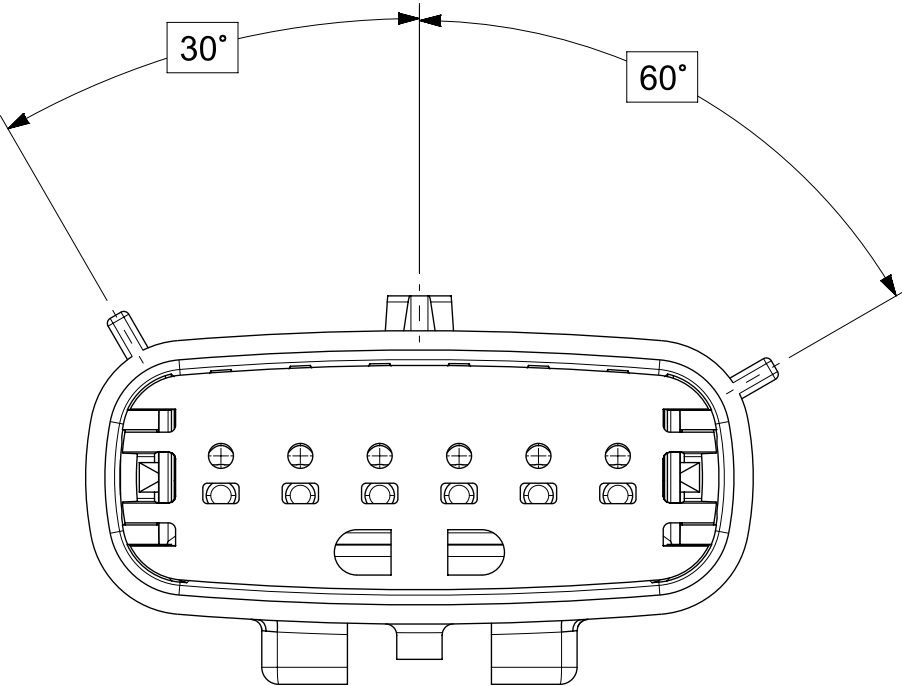
DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024 15:02:02
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SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.

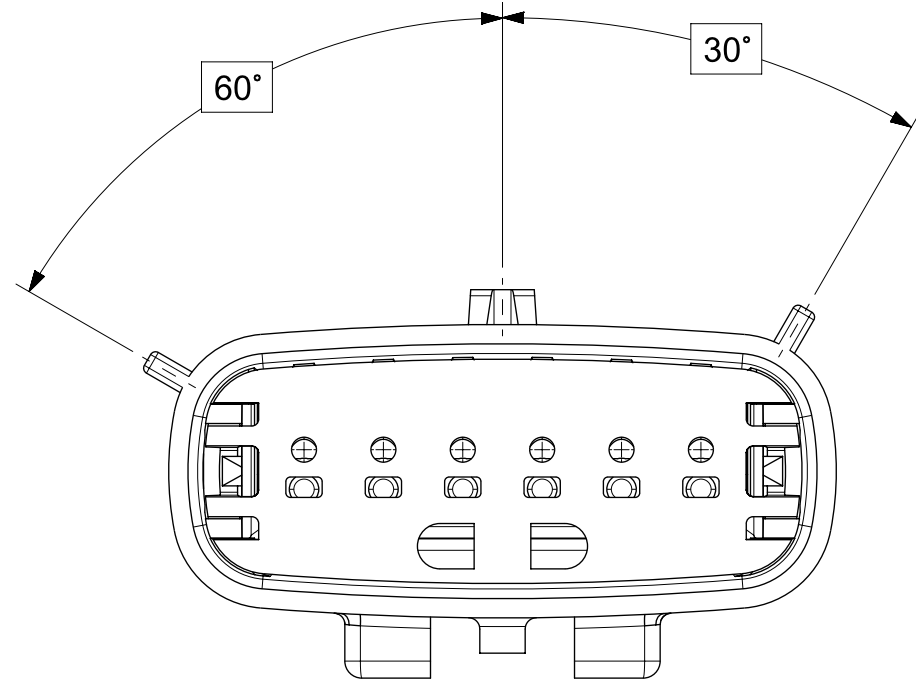
1X6



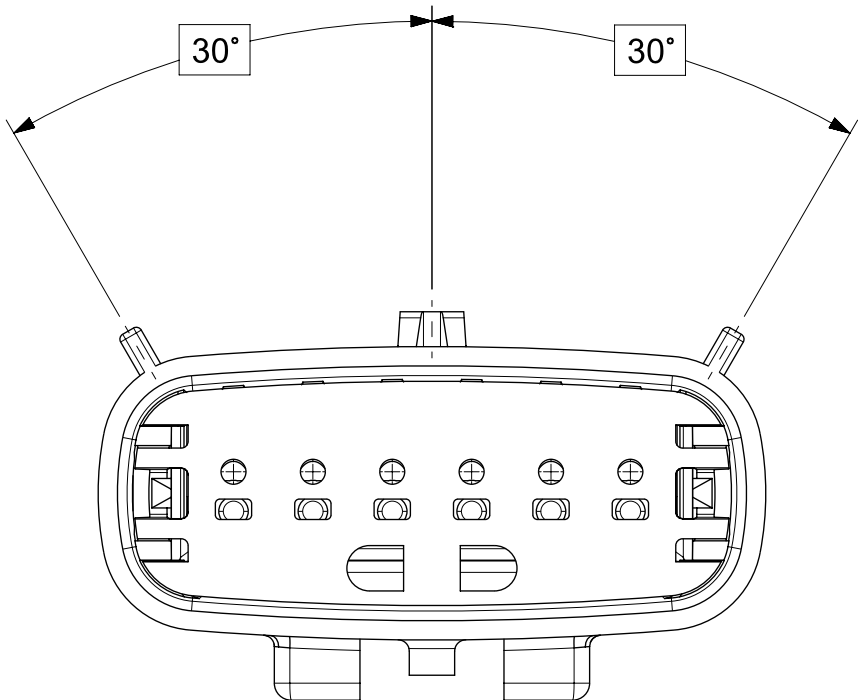
KEY A



KEY B



KEY C



KEY D

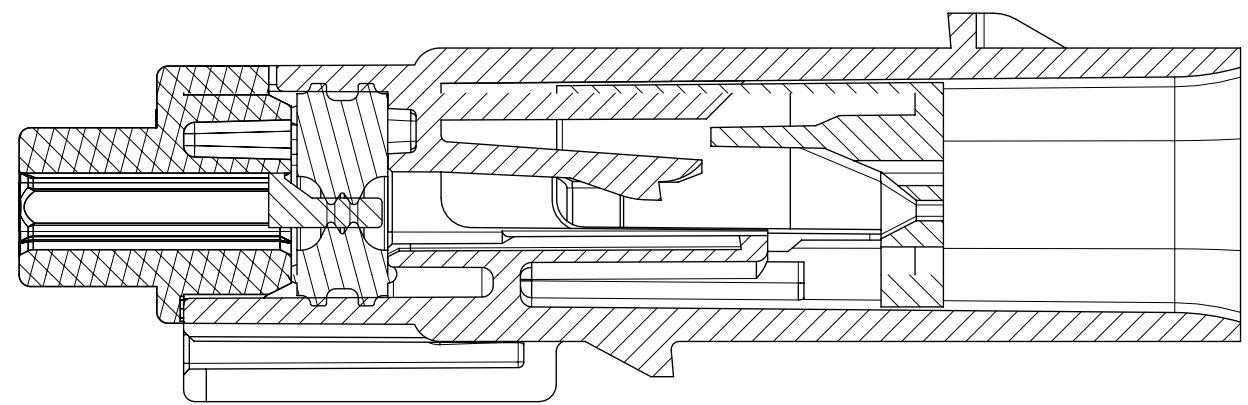
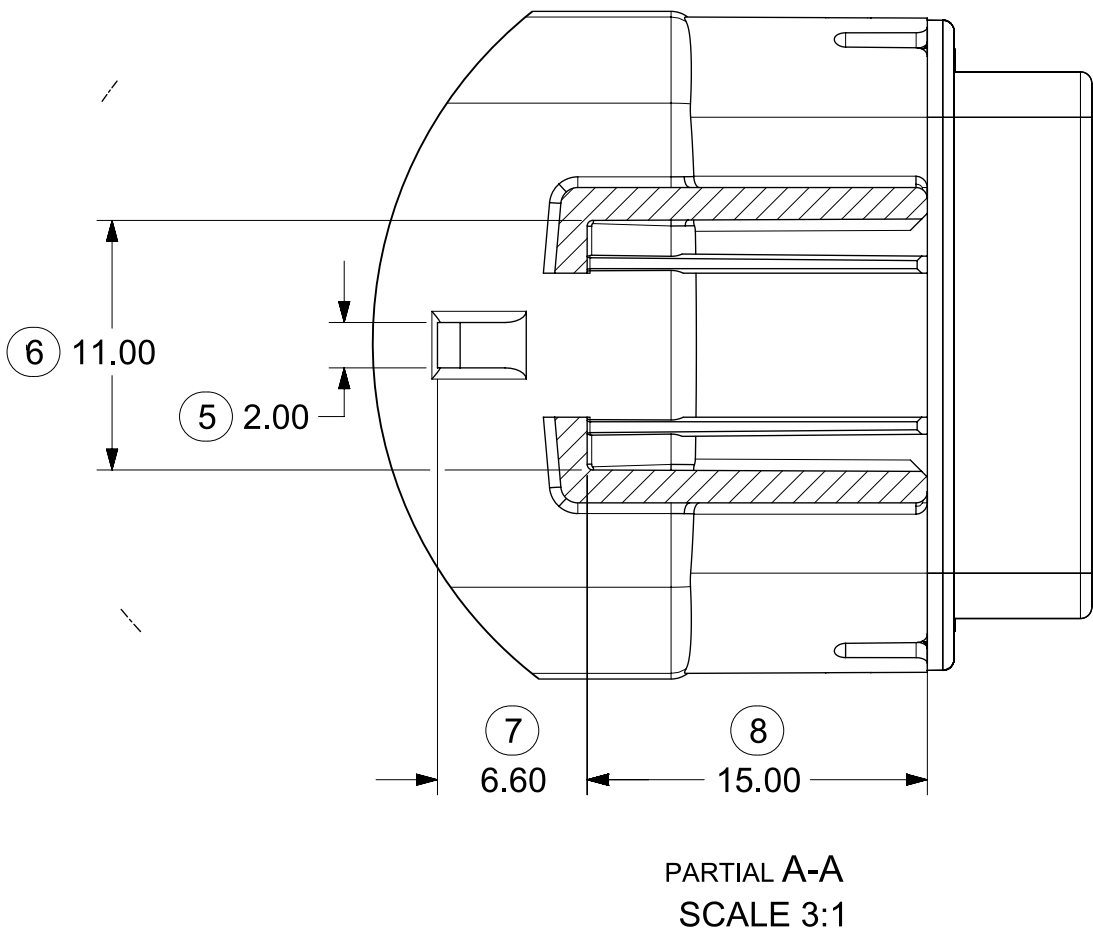
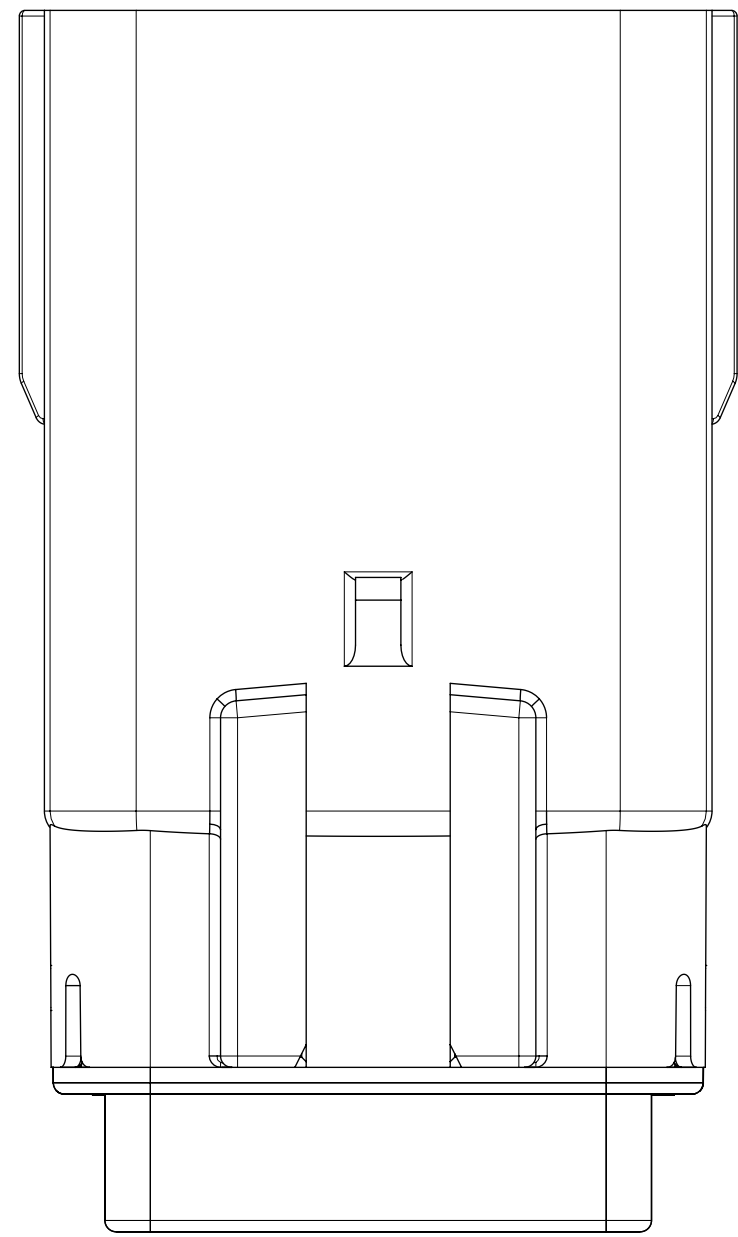
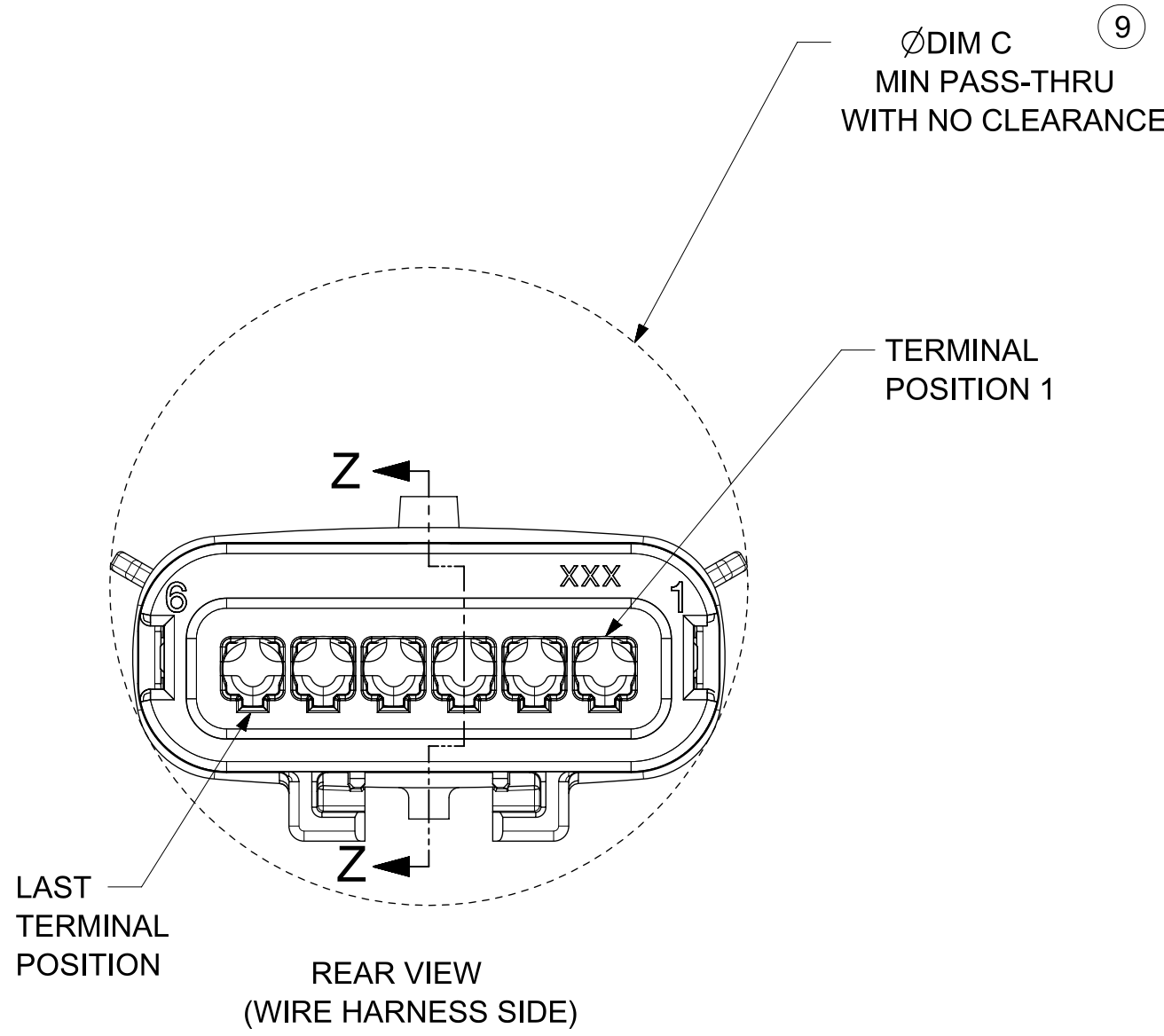
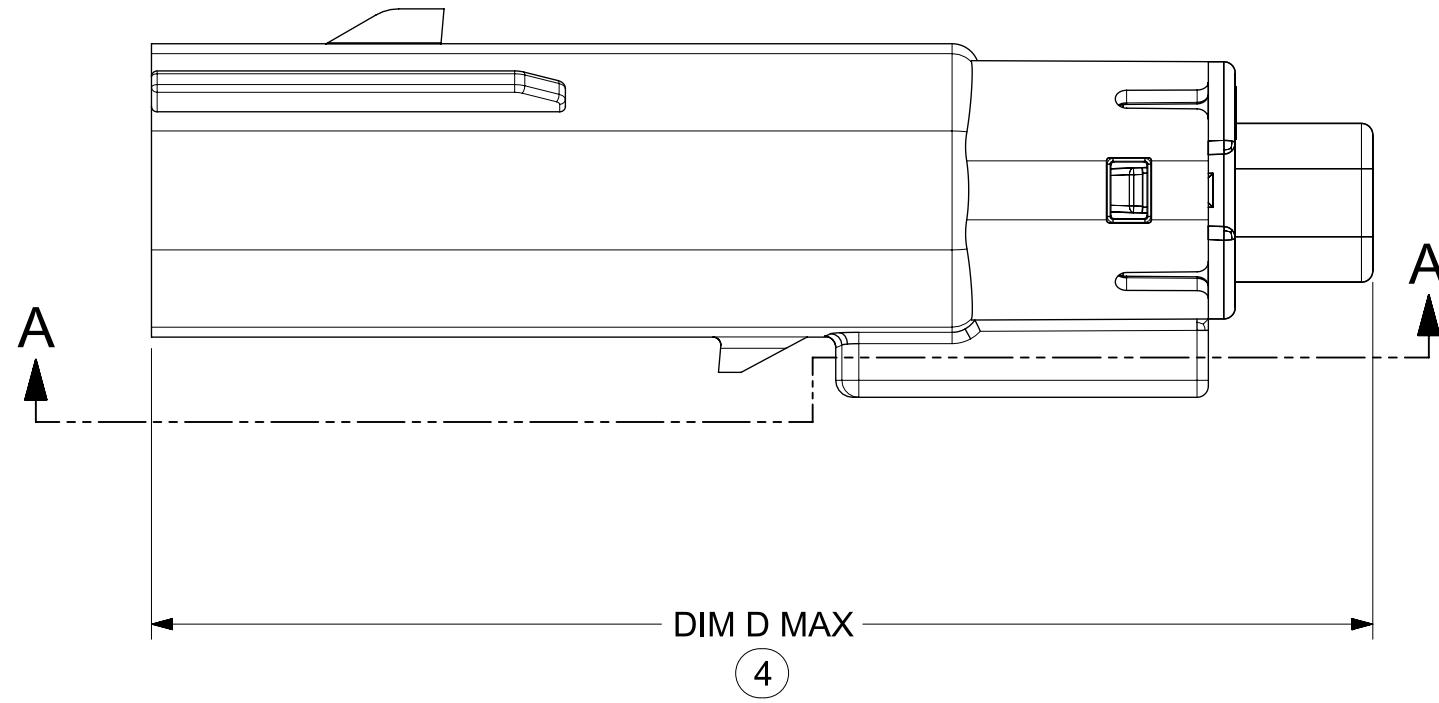
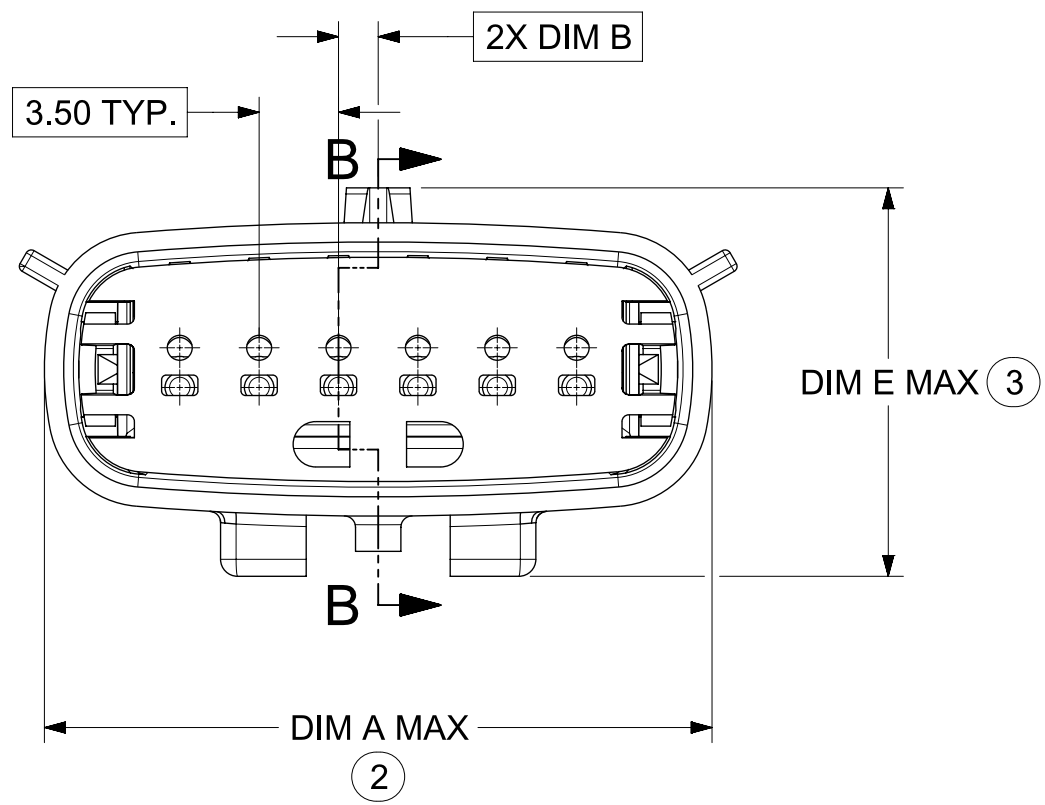
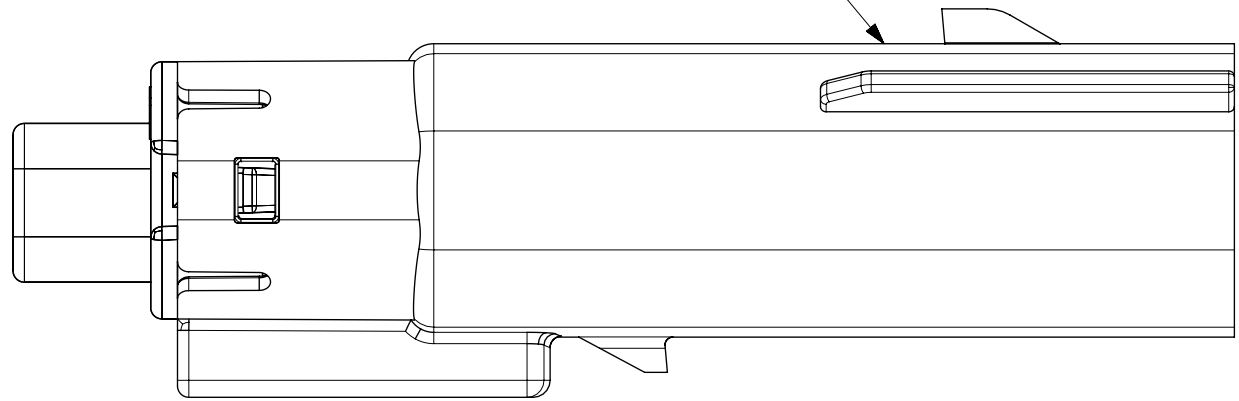
SYMBOLS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	=	0	DIMENSION UNITS		SCALE		CURRENT REV DESC:								
	=	0	MM ONLY		3:1										
	=	0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: CO-000012501								
	=	0	ANGULAR TOL ± 0.5 °												
	=	0	4 PLACES		± 0		DRWN: Yann Chen		02-Sep-2022						
	=	0	3 PLACES		± 0		CHK'D: Matt Young		08-May-2024						
	=	0	2 PLACES		± 0		APPR: Elvis Song		10-May-2024						
	=	0	1 PLACE		± 0		INITIAL REVISION:		MX150 BLADE SINGLE ROW SEALED ASSY						
	=	0	0 PLACES		± 0		DRWN: APROFFITT						2015/07/21		
	=	0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
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	=	0									SEE NOTE 2a.		GENERAL MARKET		SHEET NUMBER
	=	0													4 OF 9

SHEET DESCRIPTION

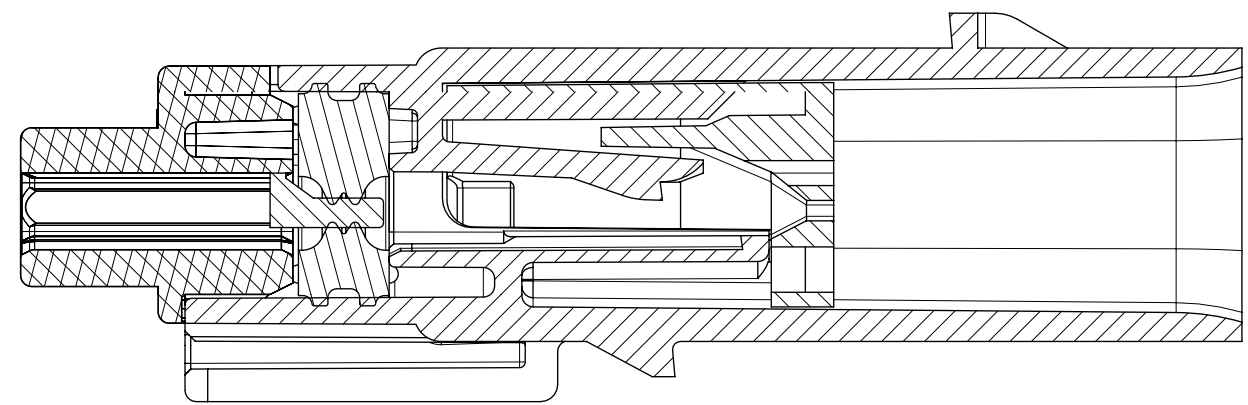
BLADE SEALED ASSEMBLY

CHARTED DIMENSIONS					
DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
1X2	N/A	1.75	21.00	55.50	17.30
1X6	29.69	1.75	31.71	54.45	17.23

OPTIONAL LASER MARKING ON THIS SURFACE SEE NOTE 3g.



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

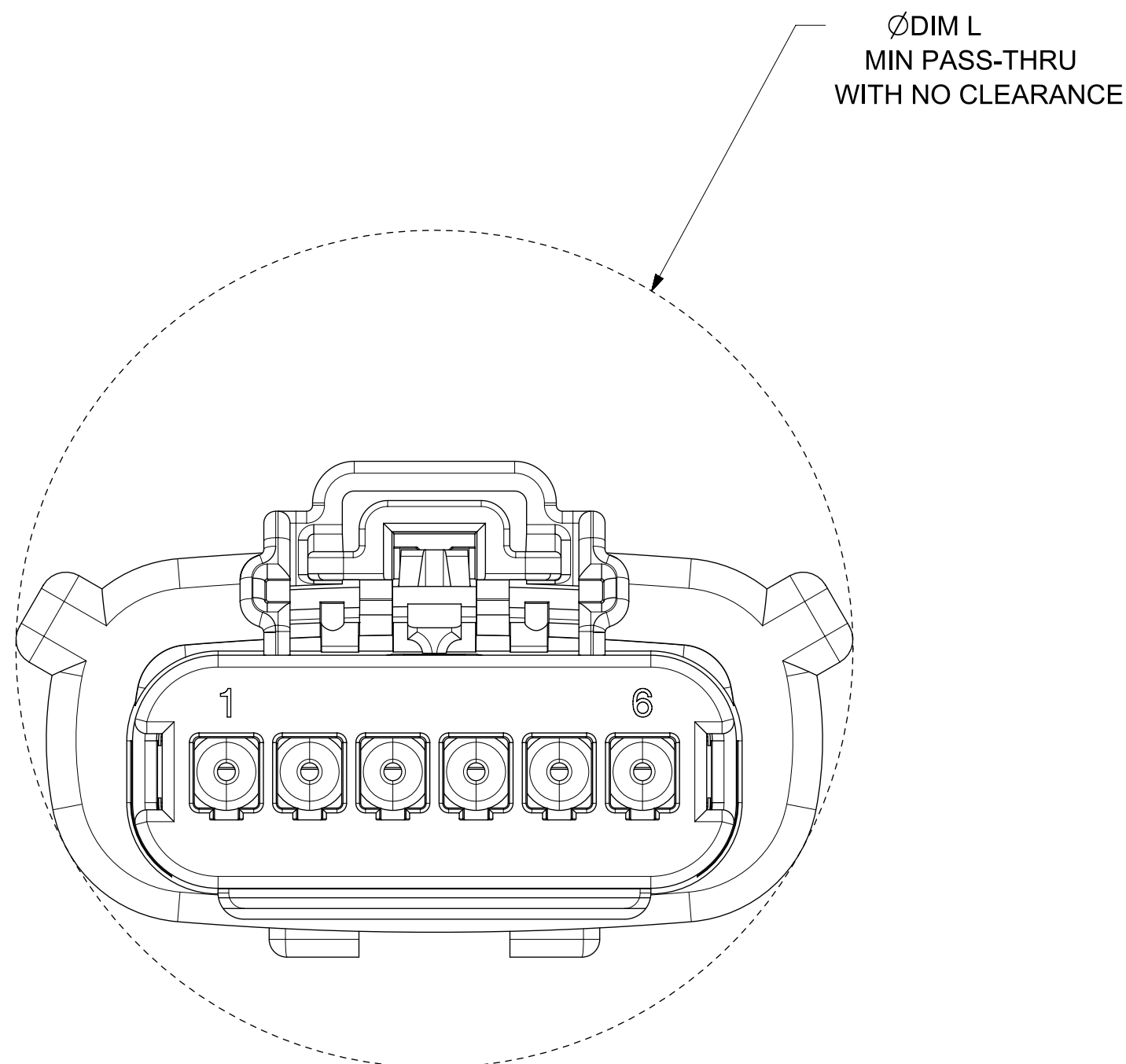
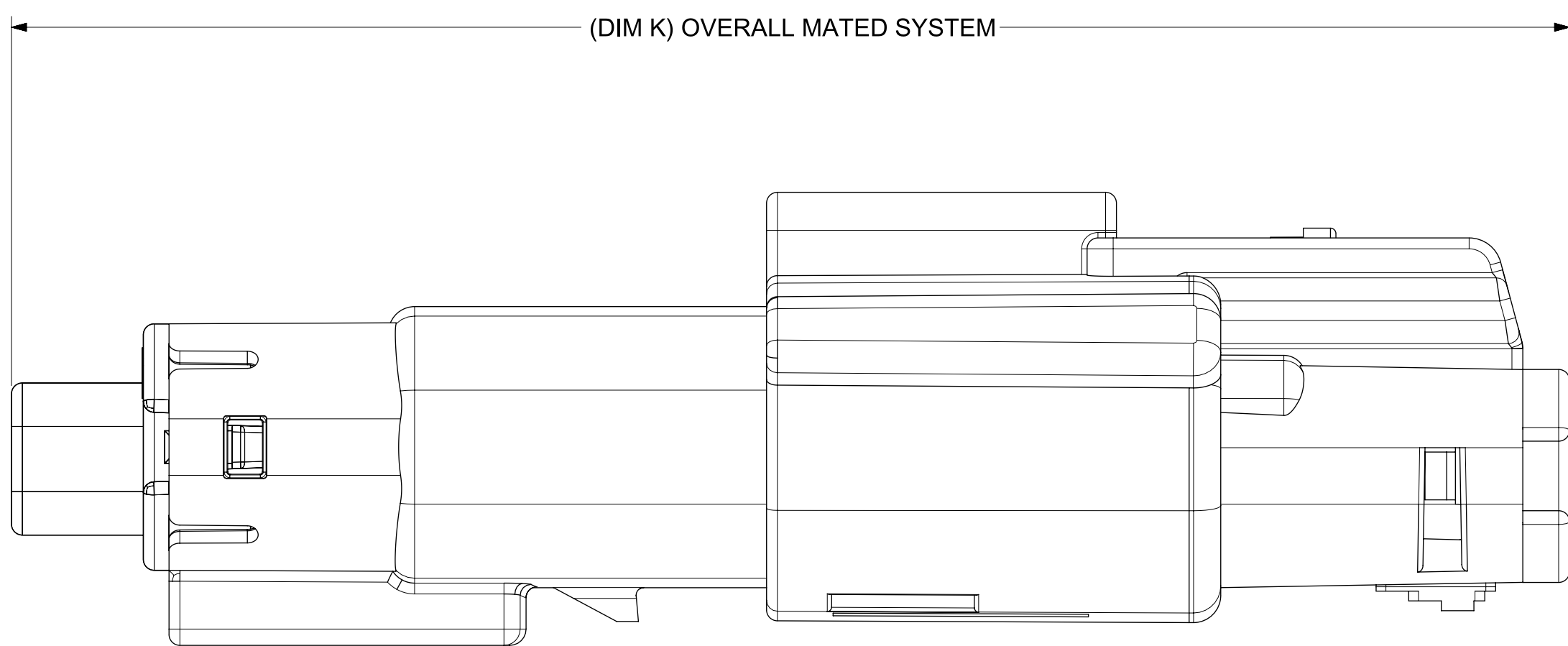


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN FINAL-LOCK POSITION
SECTION Z-Z

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: CO-000012501 DRWN: Yann Chen 02-Sep-2022 CHK'D: Matt Young 08-May-2024 APPR: Elvis Song 10-May-2024 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14			molex MX150 BLADE SINGLE ROW SEALED ASSY					
	MM ONLY		3:1										
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT SALES DRAWING					
 = 0	ANGULAR TOL ± 0.5°												
 = 0	4 PLACES		± 0					DOCUMENT NUMBER SD-33481-0001				DOC TYPE	DOC PART
 = 0	3 PLACES		± 0		PSD	001	A2						
 = 0	2 PLACES		± 0		DRAWING A1-SIZE			SERIES 33481	MATERIAL NUMBER SEE NOTE 2a.	CUSTOMER GENERAL MARKET	SHEET NUMBER 5 OF 9		
 = 0	1 PLACE		± 0										
 = 0	0 PLACES		± 0		THIRD ANGLE PROJECTION 								
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

SYSTEM PACKAGING

CHARTED DIMENSIONS				
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS	
			K	L
1X2	STANDARD	STANDARD	73.85	23.37
1X6	STANDARD	STANDARD	72.71	35.38



SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: CO-000012501 DRWN: Yann Chen 02-Sep-2022 CHK'D: Matt Young 08-May-2024 APPR: Elvis Song 10-May-2024 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14 THIRD ANGLE PROJECTION A1-SIZE 33481							
		MM ONLY		4:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)											
		ANGULAR TOL ± 0.5 °											
		4 PLACES ± 0											
3 PLACES ± 0													
2 PLACES ± 0													
1 PLACE ± 0													
0 PLACES ± 0													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		6 OF 9	

molex			
MX150 BLADE SINGLE ROW SEALED ASSY			
PRODUCT SALES DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
SD-33481-0001		PSD	001
		A2	
MATERIAL NUMBER		CUSTOMER	
SEE NOTE 2a.		GENERAL MARKET	
		SHEET NUMBER	
		6 OF 9	

DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024	15:02:02
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SHEET DESCRIPTION

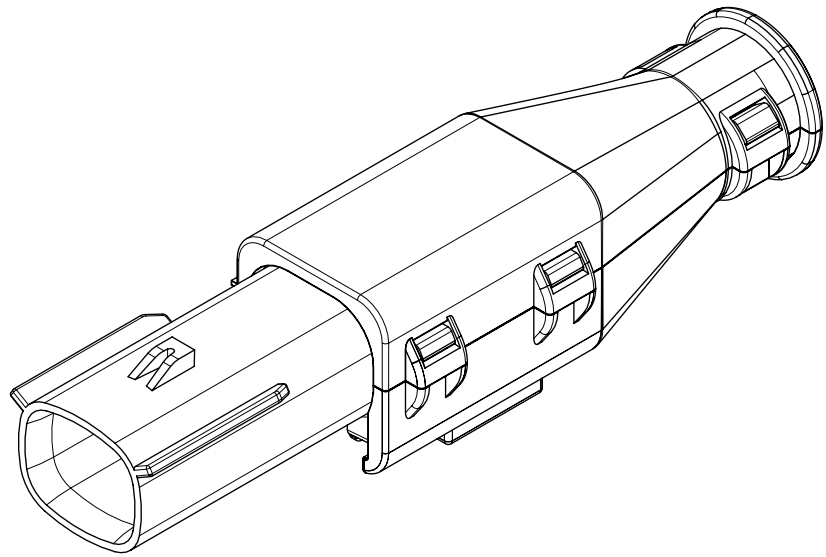
BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33481-0001.
 - 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-34948-0001.

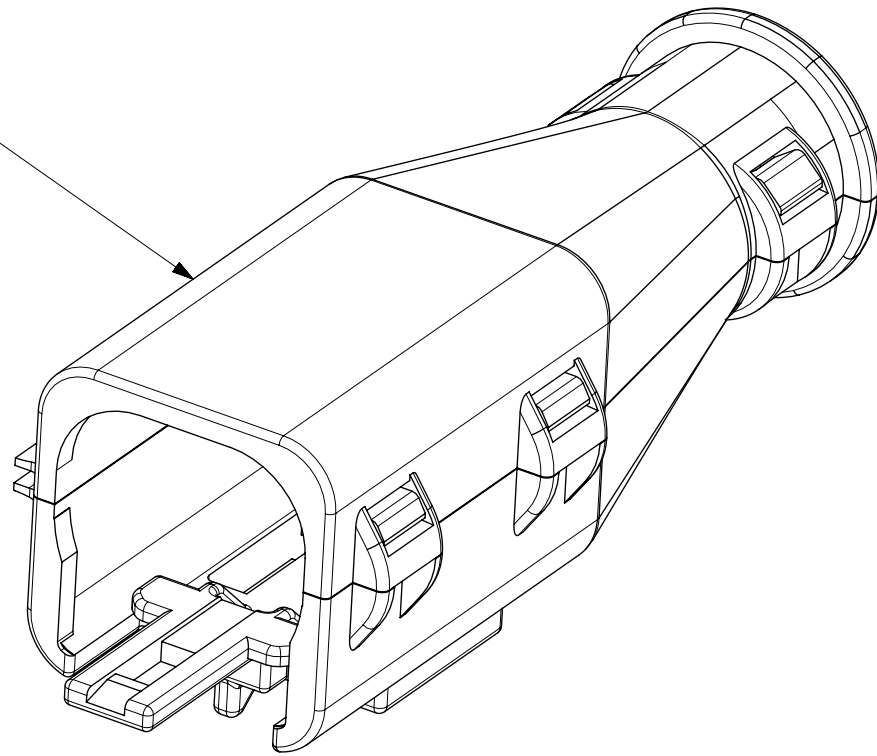
BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

- 34948-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

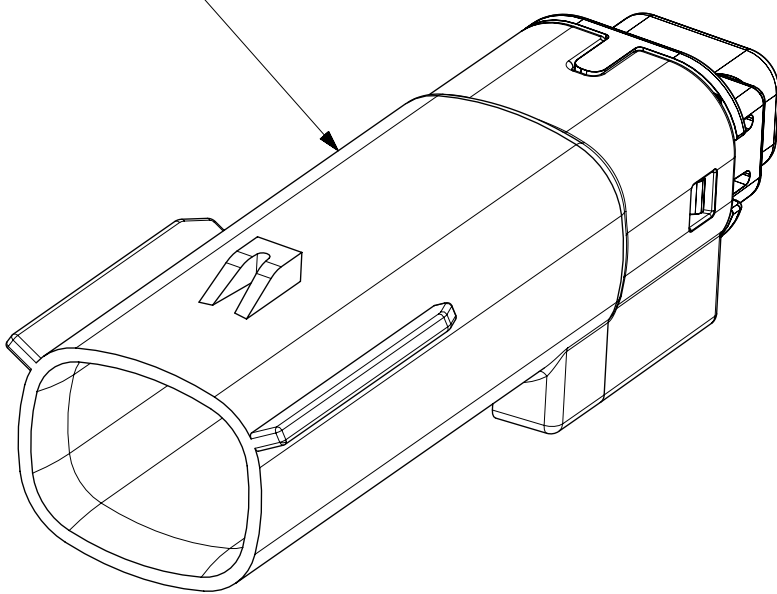


1X2

BACKSHELL (BKS)



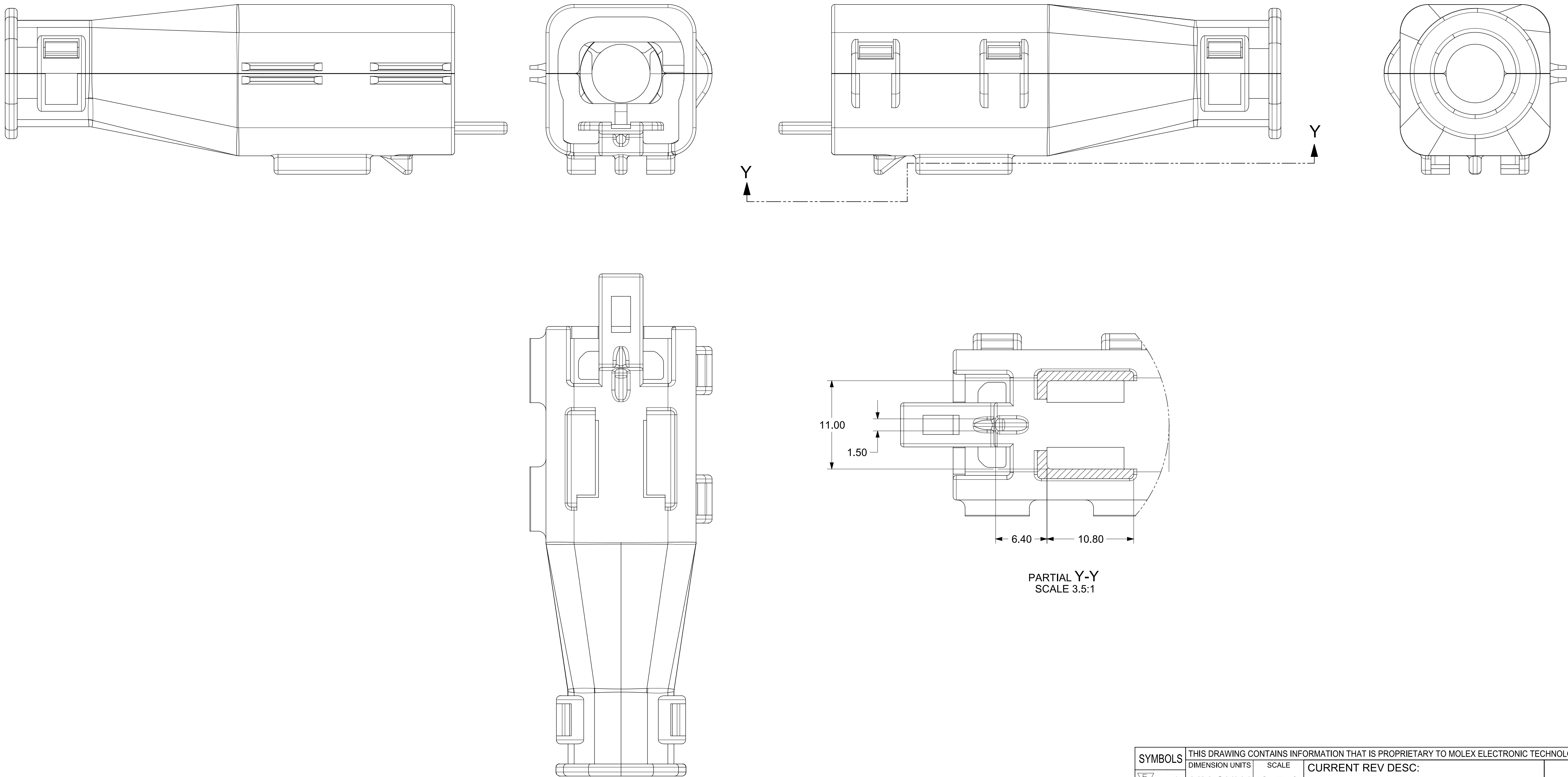
BLADE SEALED ASSEMBLY



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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		MM ONLY	4:1												
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												= 0			
	= 0	ANGULAR TOL ± 0.5 °											PRODUCT SALES DRAWING		
		= 0	4 PLACES ± 0												
	= 0		3 PLACES ± 0									DOCUMENT NUMBER			
		= 0	2 PLACES ± 0					SD-33481-0001				PSD	001	A2	
	= 0		1 PLACE ± 0												
		= 0	0 PLACES ± 0					MATERIAL NUMBER	CUSTOMER			SHEET NUMBER			
	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SEE NOTE 2a.	GENERAL MARKET		7 OF 9				
		= 0				A1-SIZE	33481								

SHEET DESCRIPTION

BACKSHELL

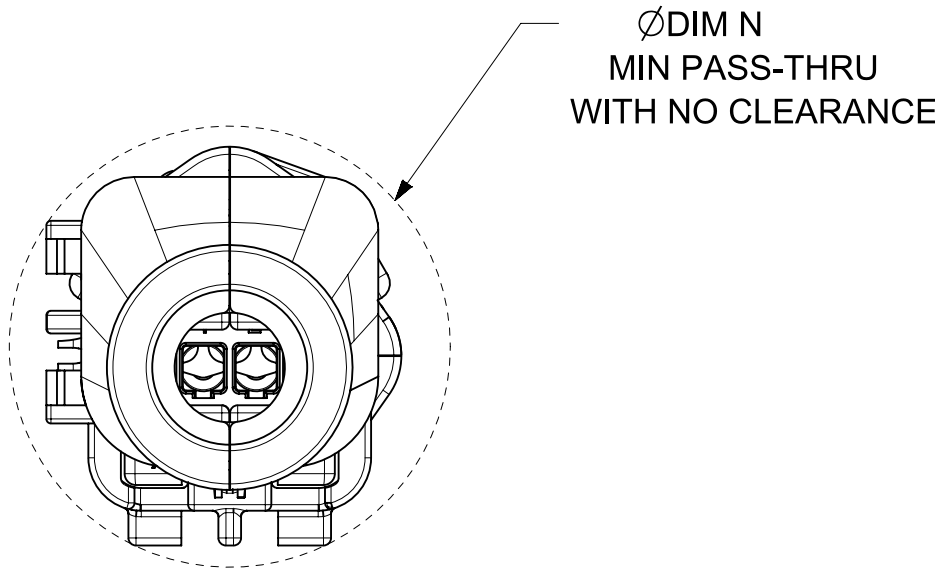
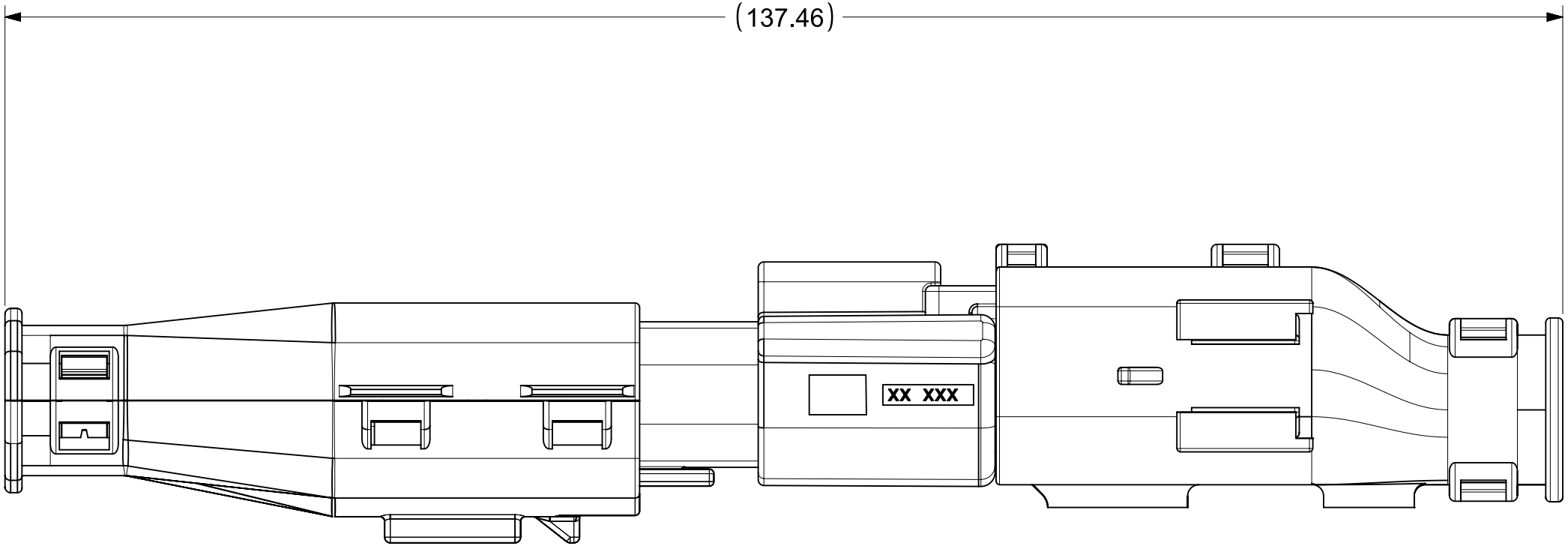


SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
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	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	= 0	ANGULAR TOL	± 0.5°																
	= 0	4 PLACES	± 0																
	= 0	3 PLACES	± 0	EC NO: CO-000012501		DRWN: Yann Chen		02-Sep-2022		molex MX150 BLADE SINGLE ROW SEALED ASSY									
	= 0	2 PLACES	± 0	CHK'D: Matt Young		08-May-2024		APPR: Elvis Song											
	= 0	1 PLACE	± 0	INITIAL REVISION:		DRWN: APROFFITT		2015/07/21						PRODUCT SALES DRAWING					
	= 0	0 PLACES	± 0	APPR: KDEKOSKI		2016/06/14		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION					
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
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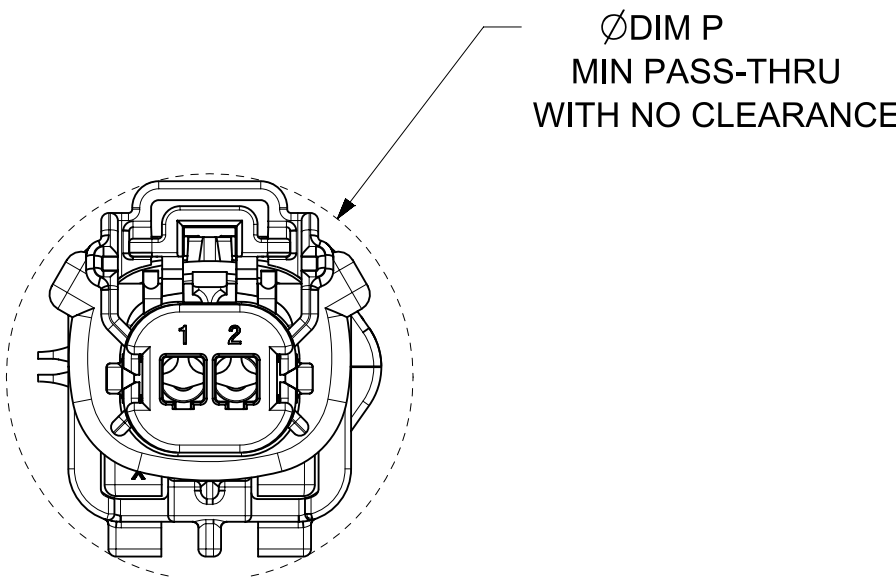
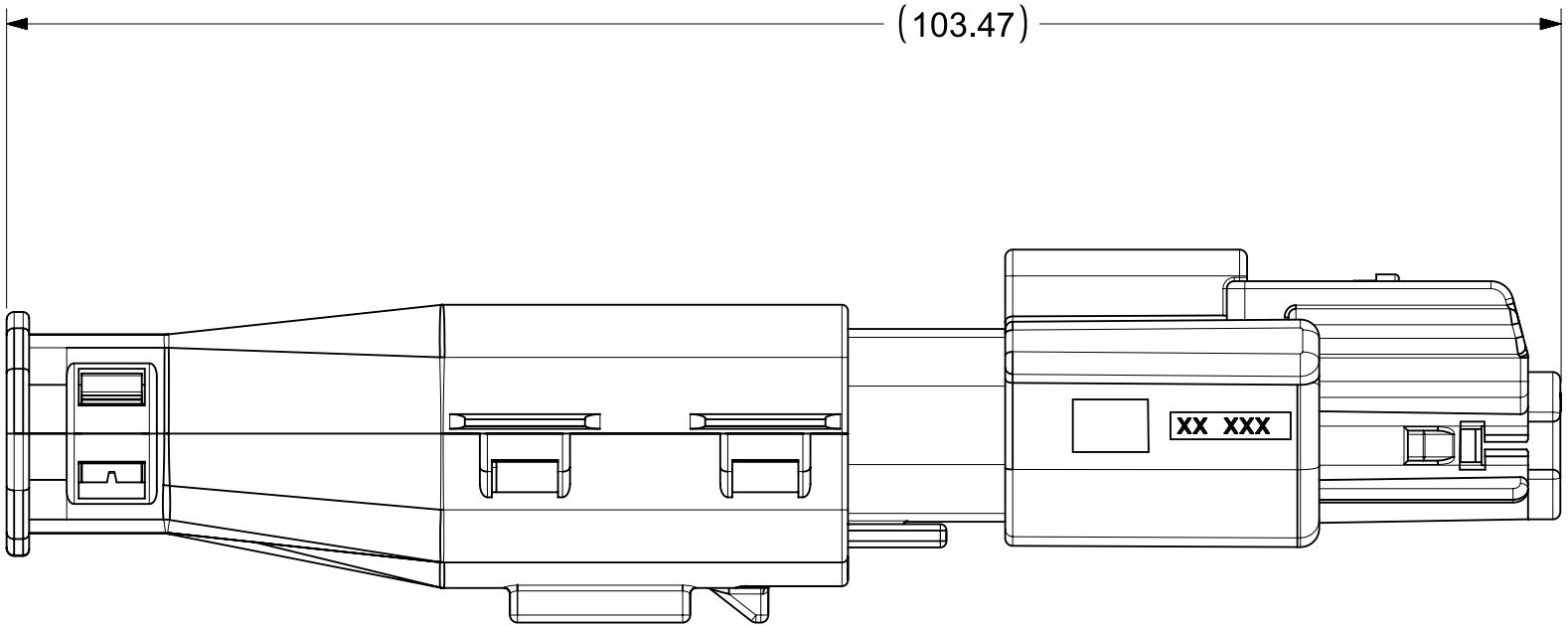
DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024	15:02:02
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SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

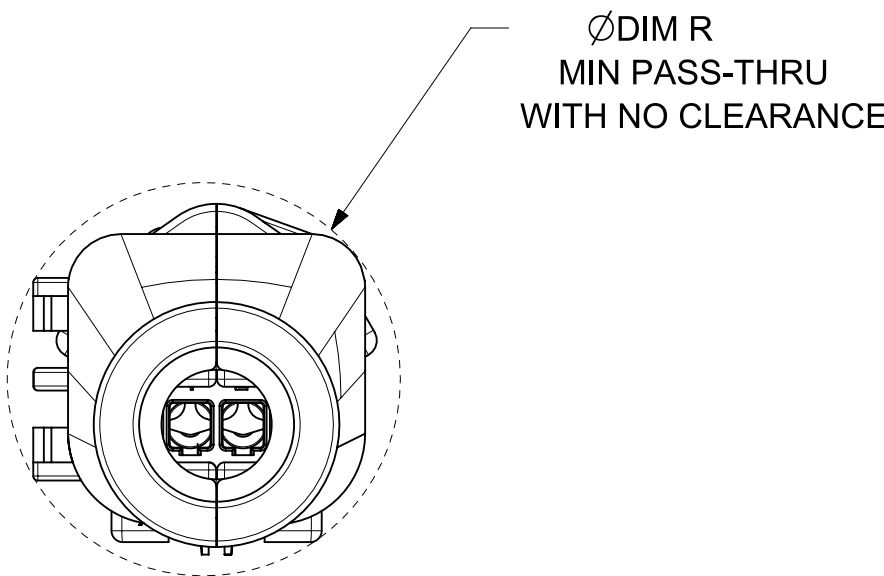
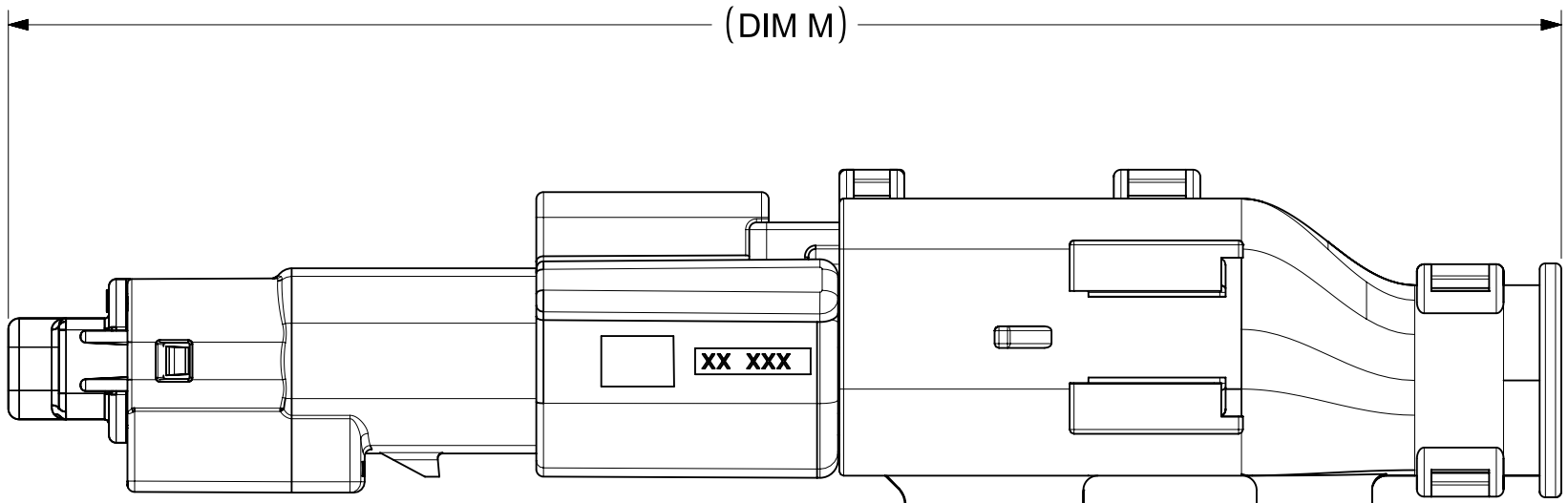
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



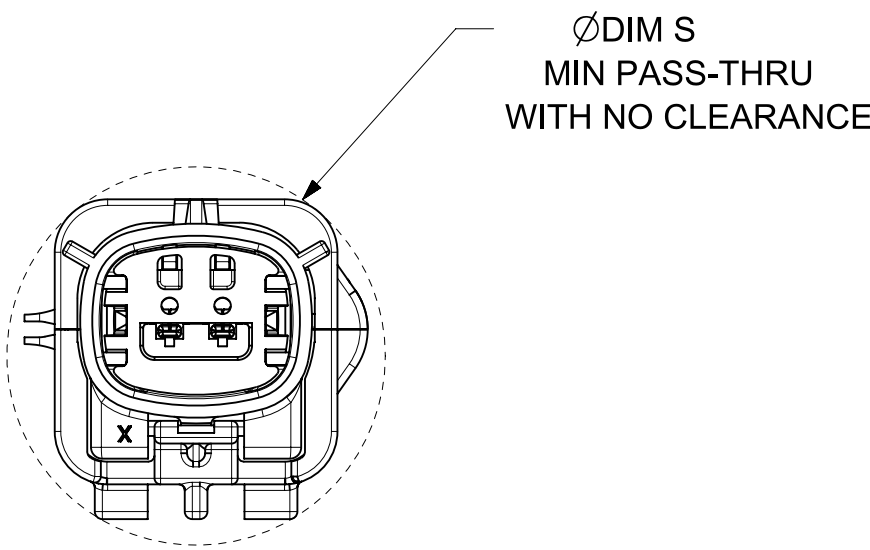
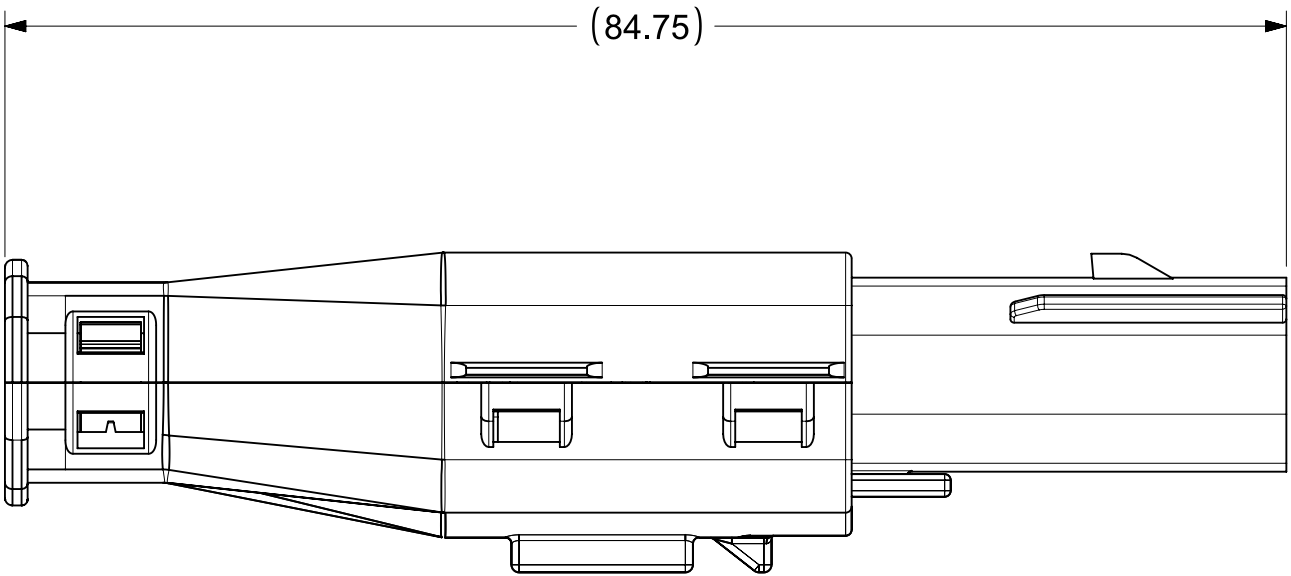
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

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: EC NO: CO-000012501 DRWN: Yann Chen 02-Sep-2022 CHK'D: Matt Young 08-May-2024 APPR: Elvis Song 10-May-2024 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14											
		MM ONLY		2:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
		ANGULAR TOL ± 0.5 °															
		4 PLACES ± 0															
		3 PLACES ± 0		molex MX150 BLADE SINGLE ROW SEALED ASSY													
		2 PLACES ± 0															
		1 PLACE ± 0															
		0 PLACES ± 0		PRODUCT SALES DRAWING													
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A1-SIZE		33481		SD-33481-0001		PSD		001		A2	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE NOTE 2a.		GENERAL MARKET				9 OF 9	

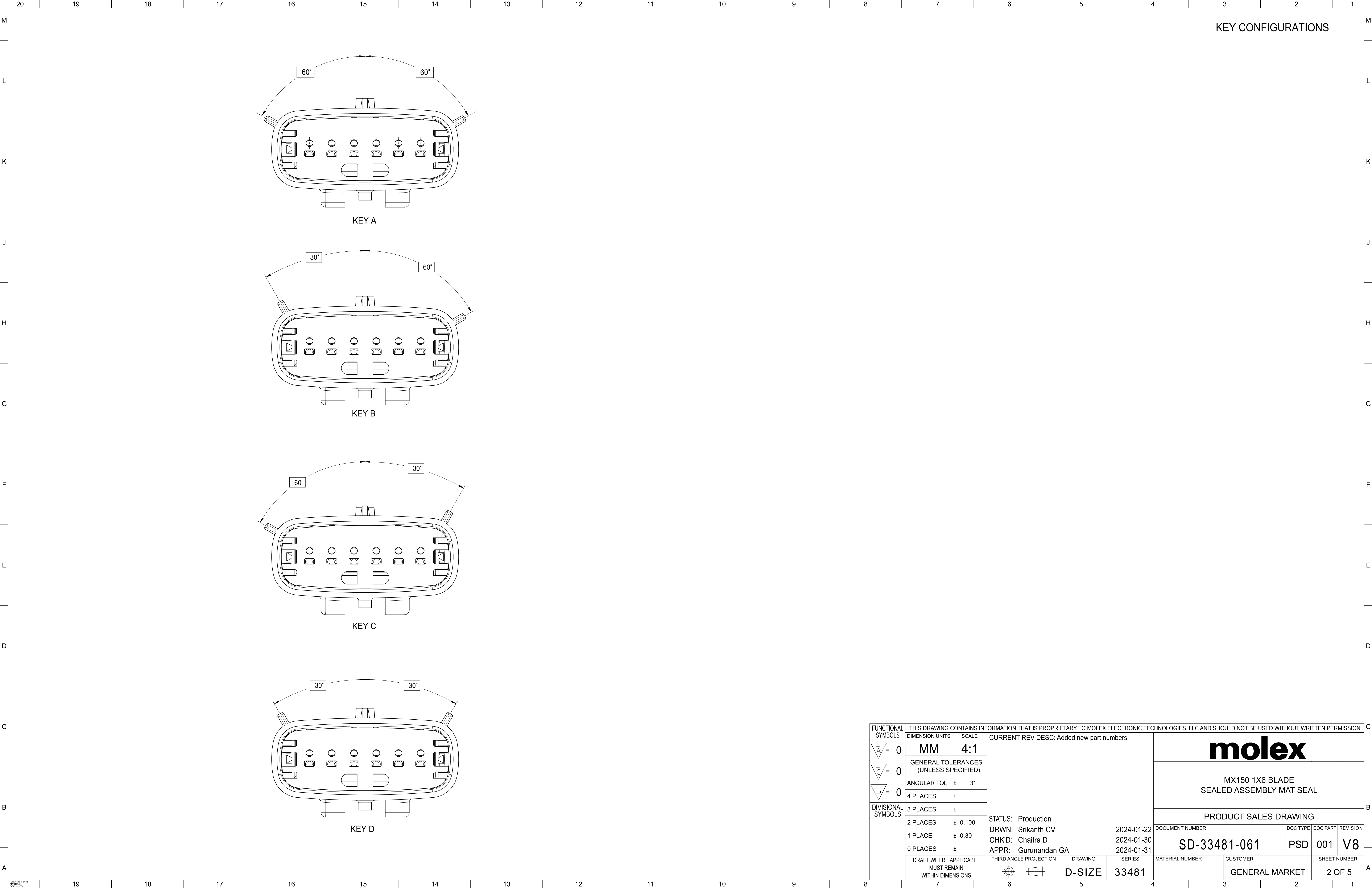
molex

MX150 BLADE
SINGLE ROW SEALED ASSY

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-0001	PSD	001	A2

DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024 15:02:02
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KEY CONFIGURATIONS

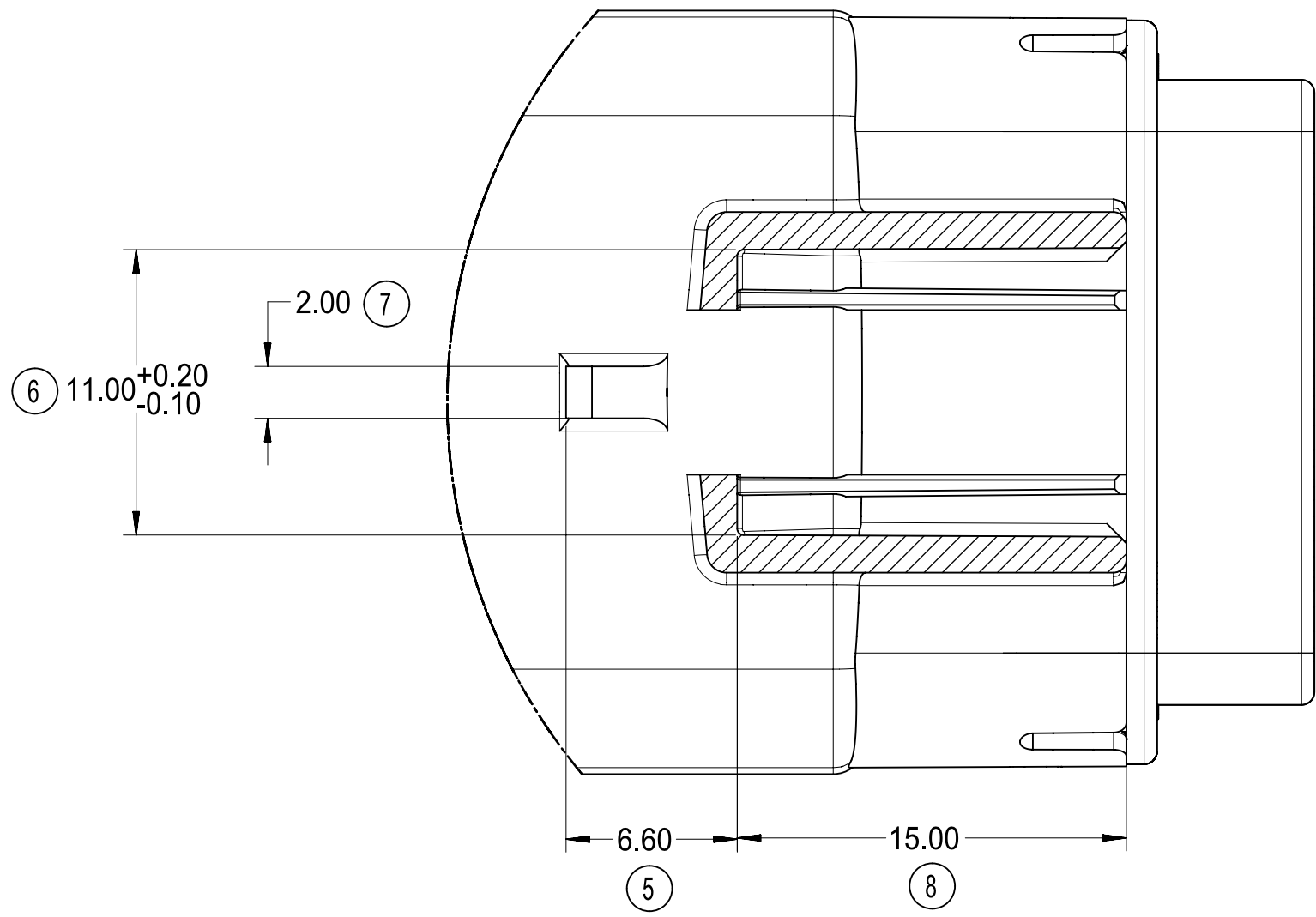
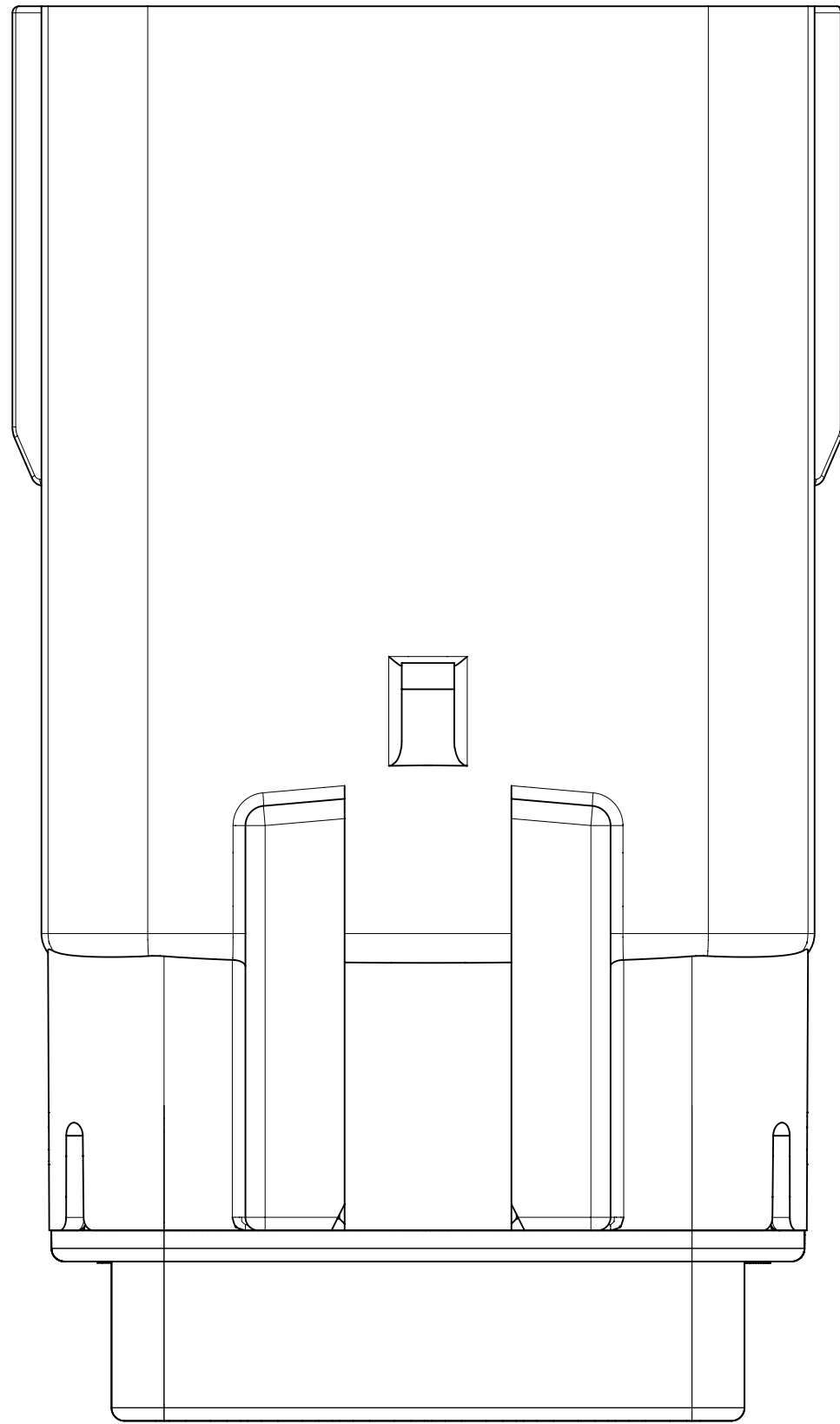
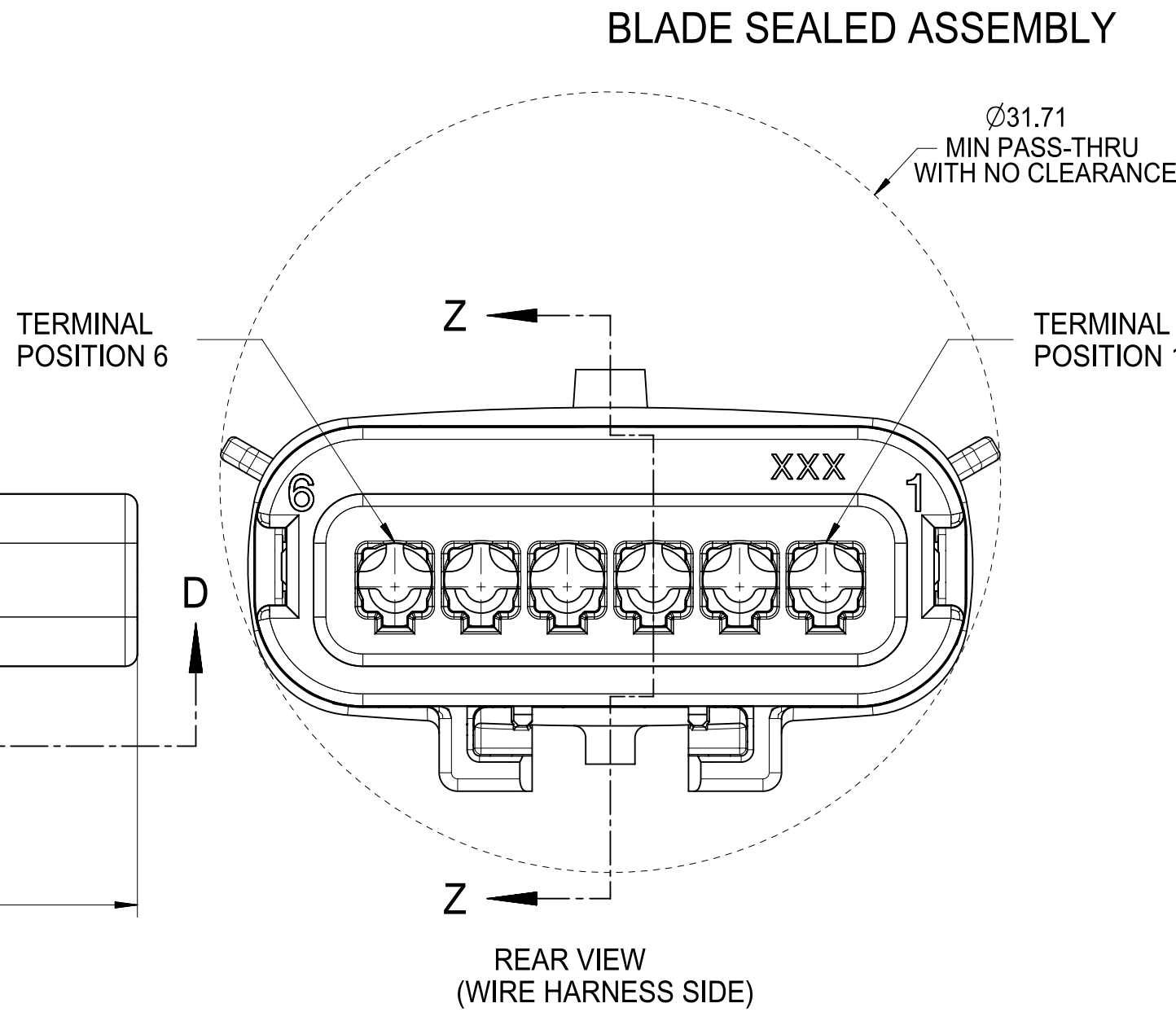
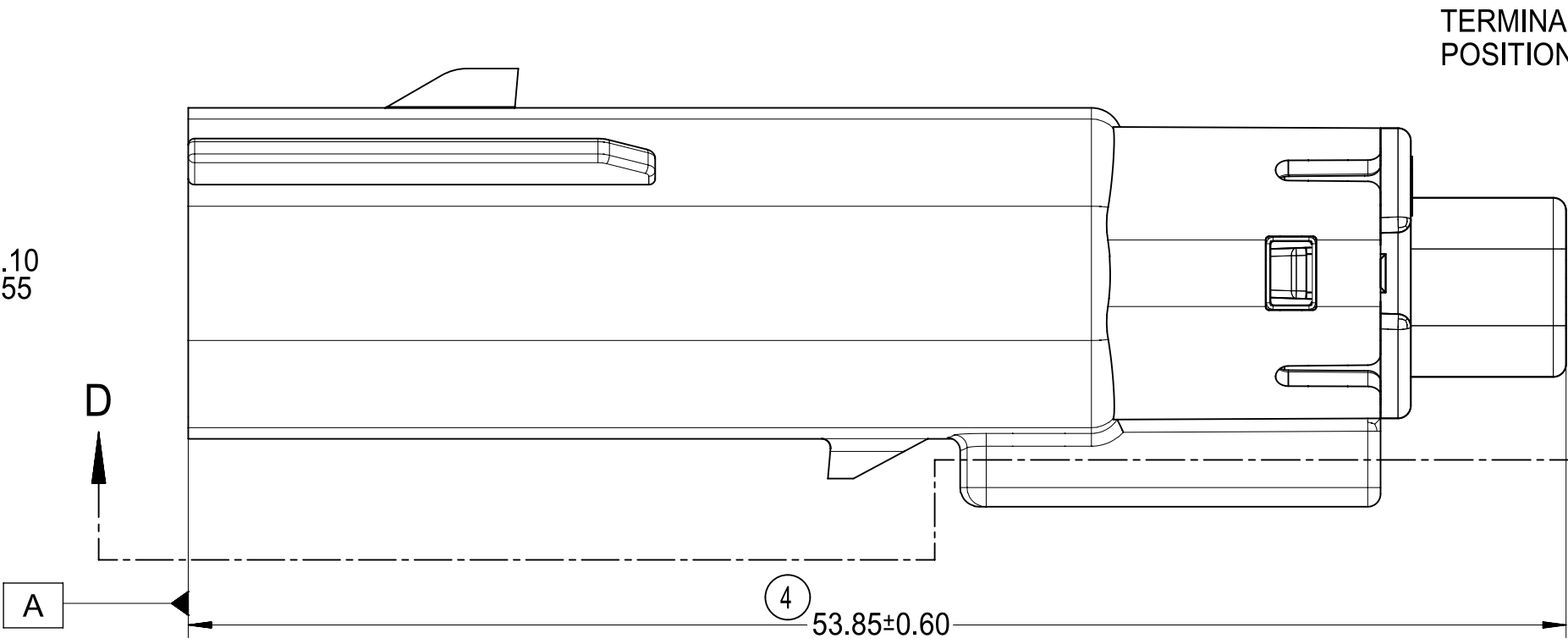
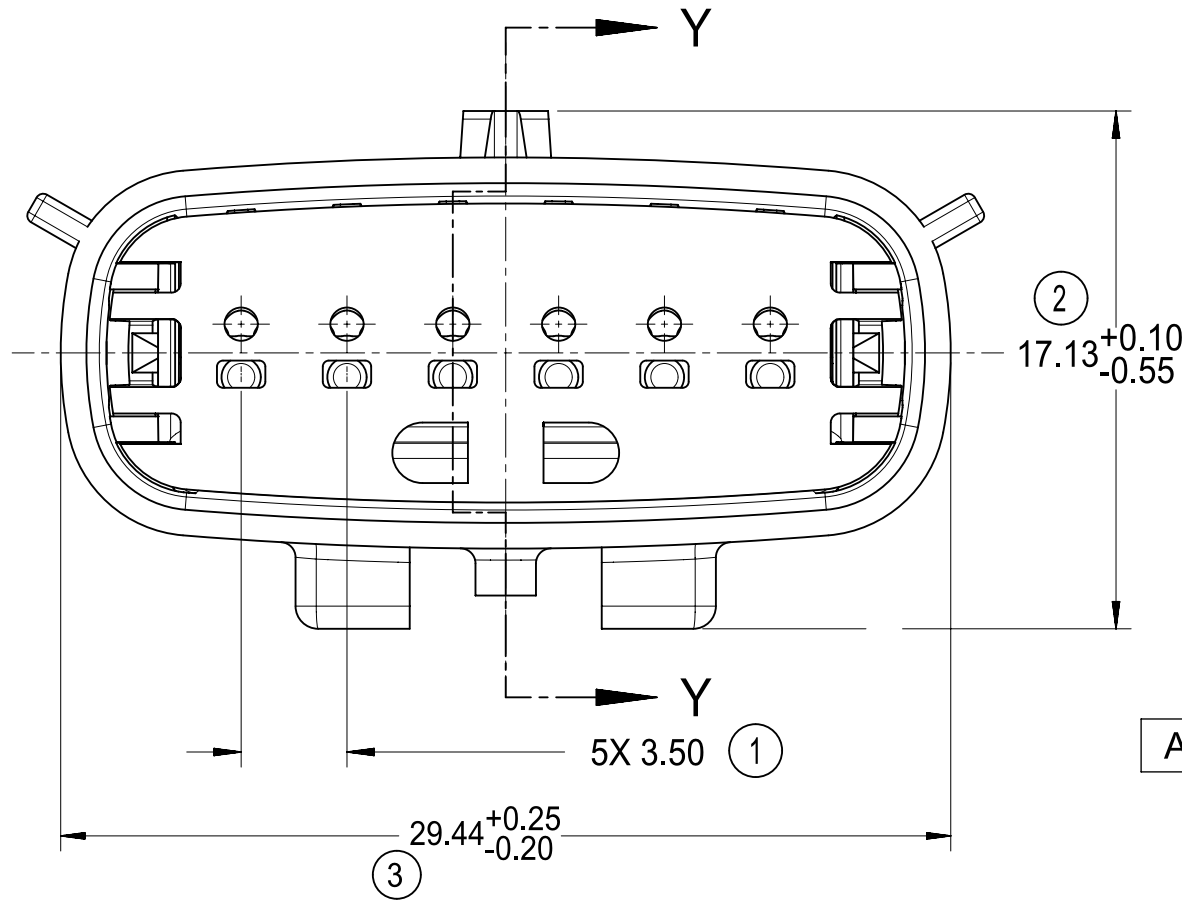
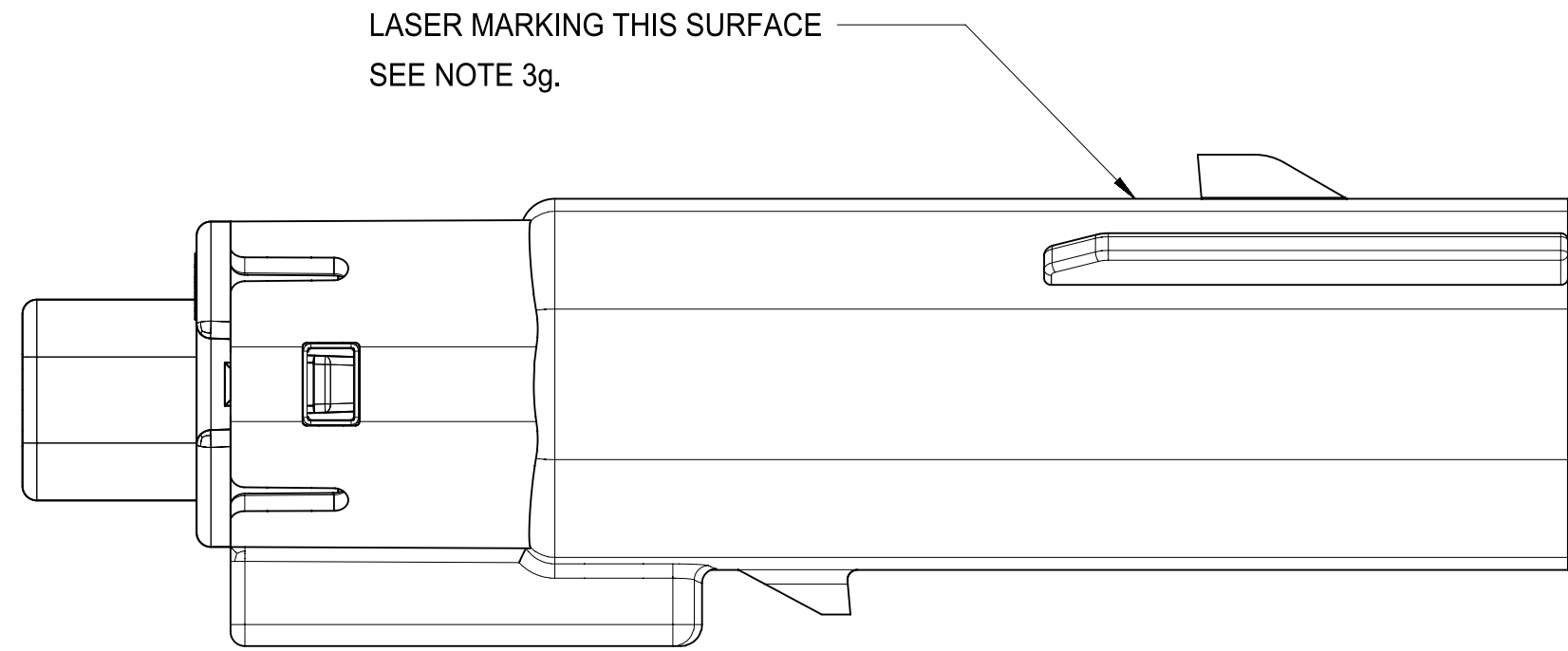
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: Added new part numbers			molex MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL												
	MM		4:1																	
	GENERAL TOLERANCES (UNLESS SPECIFIED)					STATUS: Production DRWN: Srikanth CV CHK'D: Chaitra D APPR: Gurunandan GA 2024-01-22 2024-01-30 2024-01-31														
	ANGULAR TOL			±	3°															
	4 PLACES		±																	
	3 PLACES		±																	
	2 PLACES		± 0.100																	
	1 PLACE		± 0.30																	
	0 PLACES		±																	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
									D-SIZE		33481		SD-33481-061		PSD		001		V8	
											MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
													GENERAL MARKET				2 OF 5			

molex

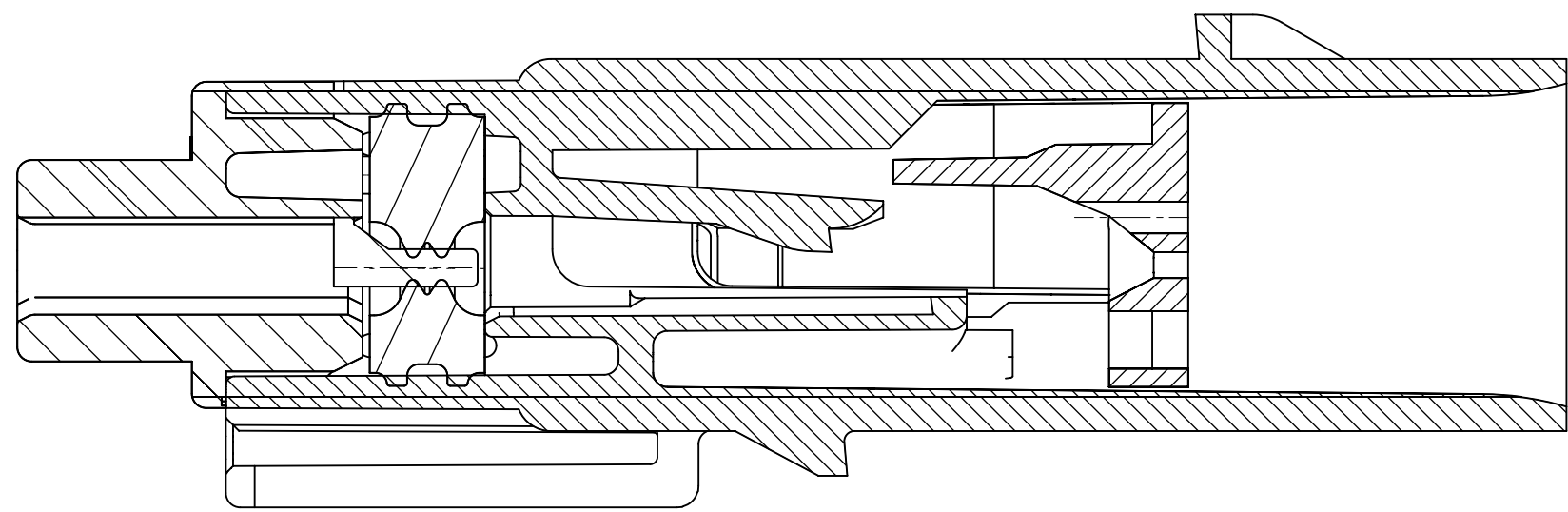
MX150 1X6 BLADE
SEALED ASSEMBLY MAT SEAL

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33481-061	PSD	001	V8

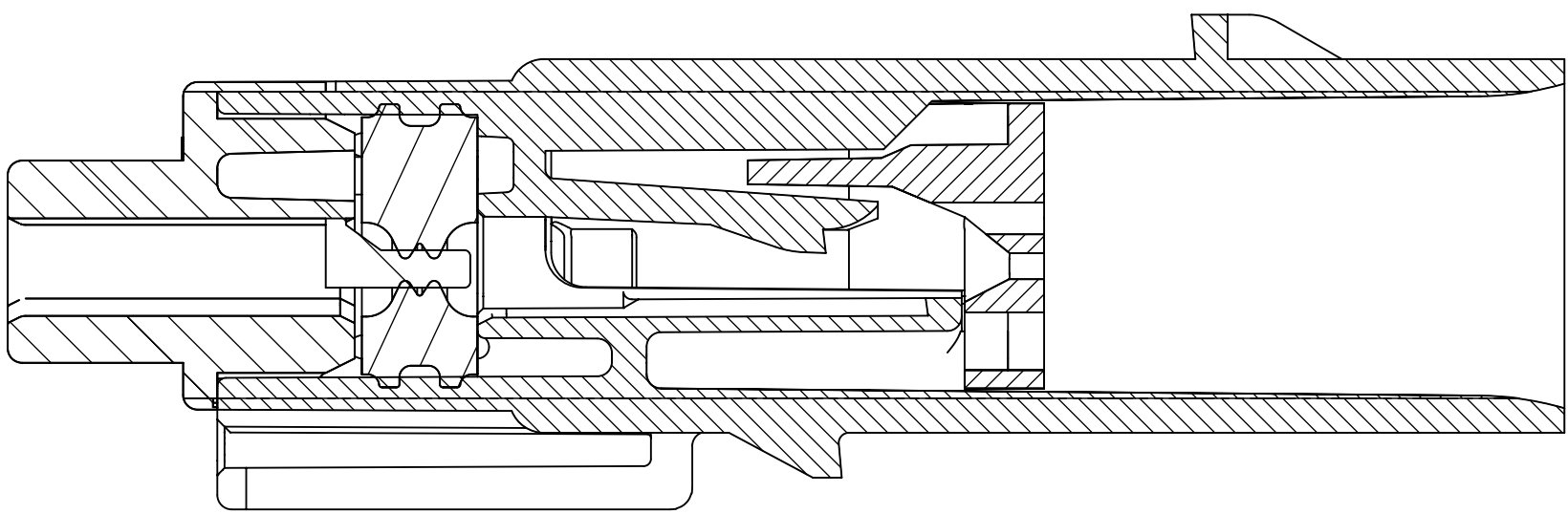


SECTION D-D



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

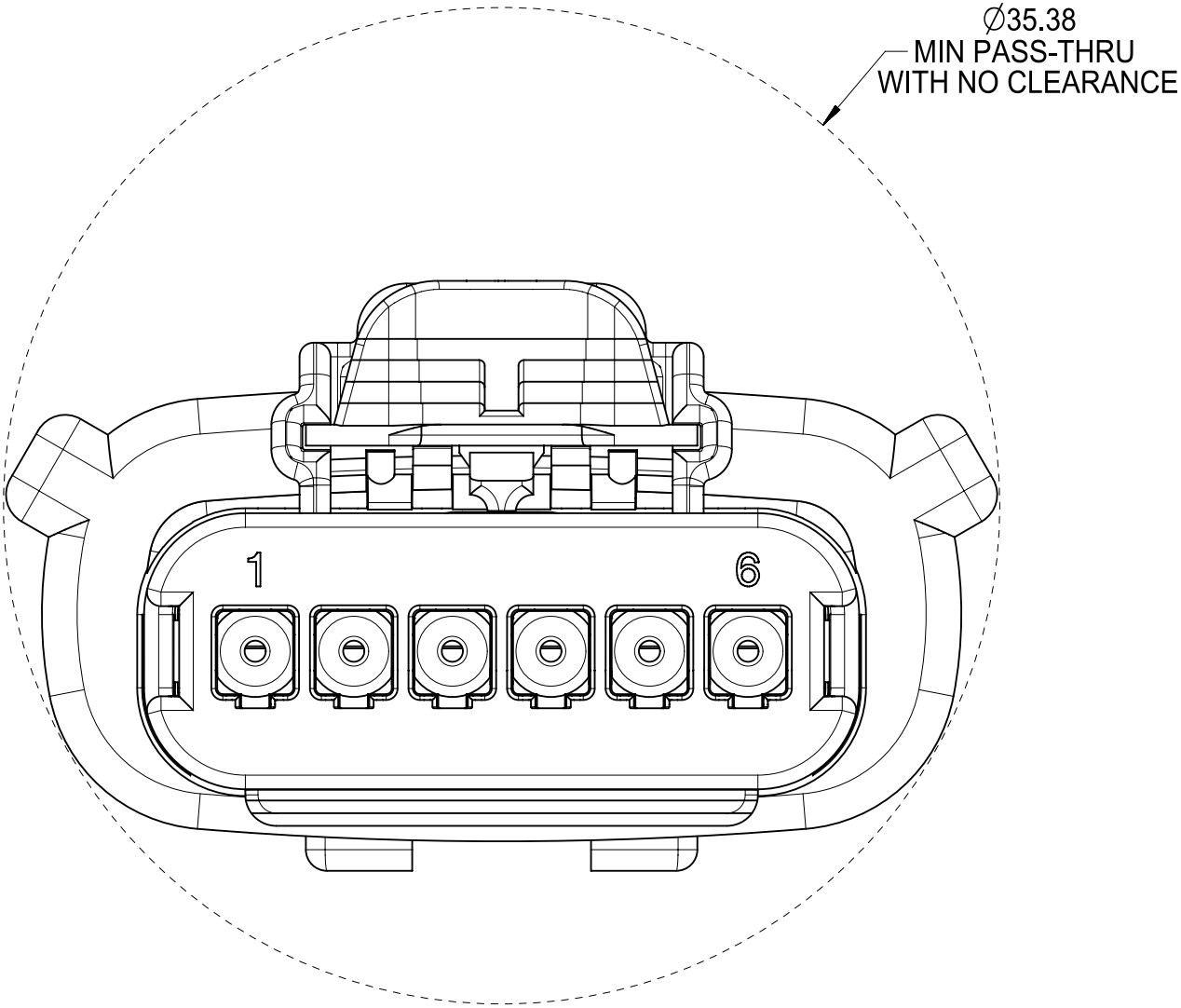
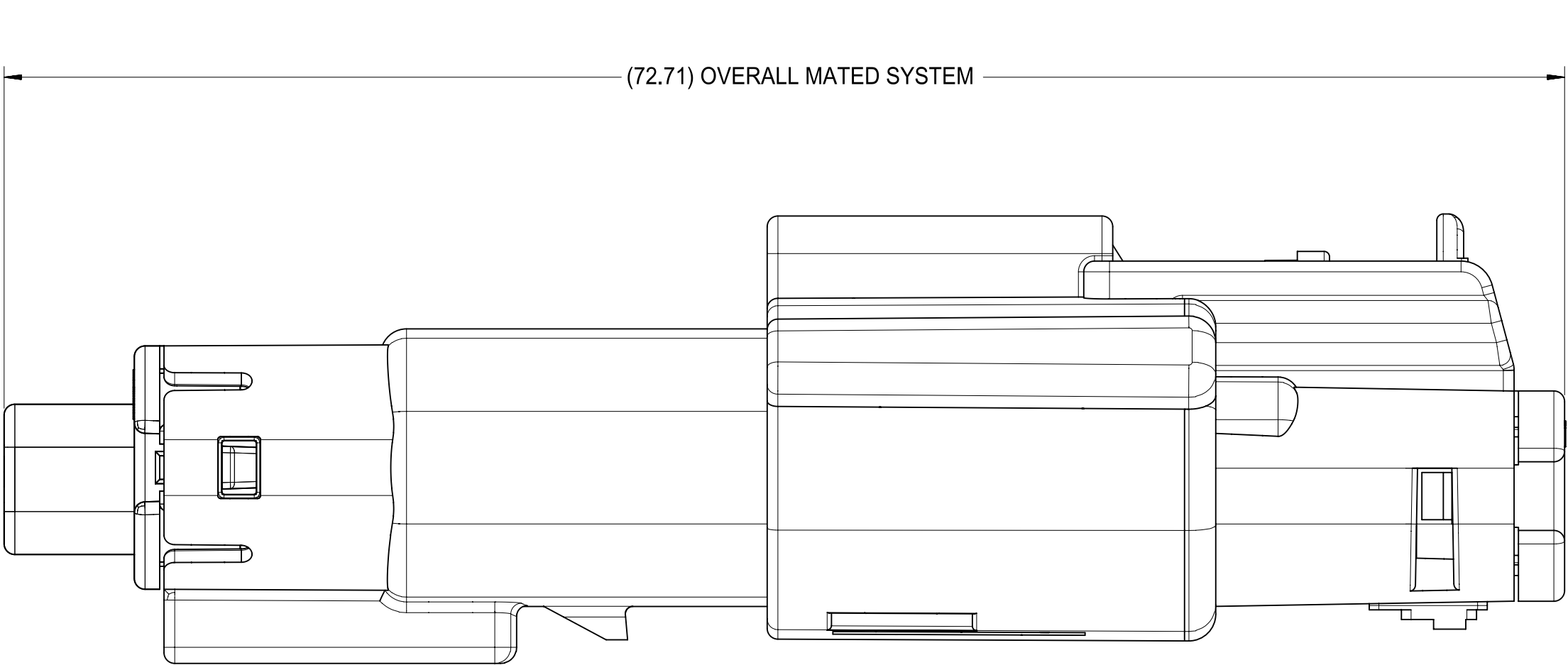
SECTION Z-Z



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

SECTION Y-Y

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		DIMENSION UNITS		SCALE		CURRENT REV DESC: Added new part numbers									
		MM		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 3°															
4 PLACES		±													
DIVISIONAL SYMBOLS		3 PLACES		±		molex MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL									
		2 PLACES		± 0.100											
		1 PLACE		± 0.30											
		0 PLACES		±											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES	
						D-SIZE		33481				GENERAL MARKET		3 OF 5	



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: Added new part numbers							
		MM		4:1									
		GENERAL TOLERANCES (UNLESS SPECIFIED)											
		ANGULAR TOL ± 3°											
4 PLACES		±		molex MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL PRODUCT SALES DRAWING DOCUMENT NUMBER 2024-01-22 2024-01-30 2024-01-31 DOC TYPE PSD DOC PART 001 REVISION V8									
3 PLACES		±											
2 PLACES		± 0.100											
1 PLACE		± 0.30											
0 PLACES		±											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		33481				GENERAL MARKET		4 OF 5	

			19	18	17	16	15	14	13	12
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)						STATUS	COMMENTS
			1	2	3	4	5	6		
33481-0601	BLACK	A							OBSOLESCENCE	
33481-0602	LT.GRAY	B							OBSOLESCENCE	
33481-0603	BROWN	C							OBSOLESCENCE	
33481-0604	GREEN	D							OBSOLESCENCE	
33481-0605	YELLOW	A							OBSOLESCENCE	
33481-0606	BLACK	A						X	OBSOLESCENCE	
33481-0607	LT.GRAY	B						X	OBSOLESCENCE	
33481-0608	BROWN	C						X	OBSOLESCENCE	
33481-0609	GREEN	D						X	OBSOLESCENCE	
33481-0610	YELLOW	A						X	OBSOLESCENCE	
33481-0611	BLACK	A	X					X	OBSOLESCENCE	
33481-0612	LT.GRAY	B	X					X	OBSOLESCENCE	
33481-0613	BROWN	C	X					X	OBSOLESCENCE	
33481-0614	GREEN	D	X					X	OBSOLESCENCE	
33481-0615	YELLOW	A	X					X	OBSOLESCENCE	
33481-0616	BLACK	A	X	X	X	X	X	X	OBSOLESCENCE	
33481-0617	BLACK	A					X		OBSOLESCENCE	
33481-0618	DK.GRAY	C							OBSOLESCENCE	
33481-0619	ST.GRAY	D							OBSOLESCENCE	
33481-0620	BLACK	A			X				OBSOLESCENCE	
33481-0621	ST.GRAY	D	X	X	X	X	X	X	OBSOLESCENCE	
33481-0622	ST.GRAY	D	X					X	OBSOLESCENCE	
33481-0623	BLACK	A	X		X		X		OBSOLESCENCE	
33481-0624	BLACK	A					X	X	OBSOLESCENCE	

		10		9		8		7		6		5		4	
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)						STATUS	COMMENTS					
			1	2	3	4	5	6							
33481-6601	BLACK	A							SALEABLE						
33481-6602	LT.GRAY	B							SALEABLE						
33481-6603	BROWN	C							NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-6618					
33481-6604	GREEN	D							NOT RECOMMENDED	NOT RECOMMENDED, SEE P/N 33481-6619					
33481-6605	YELLOW	A							SALEABLE						
33481-6606	BLACK	A						X	SALEABLE						
33481-6607	LT.GRAY	B						X	SALEABLE						
33481-6608	BROWN	C						X	NOT RECOMMENDED						
33481-6609	GREEN	D						X	NOT RECOMMENDED						
33481-6610	YELLOW	A						X	SALEABLE						
33481-6611	BLACK	A	X					X	SALEABLE						
33481-6612	LT.GRAY	B	X					X	SALEABLE						
33481-6613	BROWN	C	X					X	NOT RECOMMENDED						
33481-6614	GREEN	D	X					X	NOT RECOMMENDED						
33481-6615	YELLOW	A	X					X	SALEABLE						
33481-6616	BLACK	A	X	X	X	X	X	X	SALEABLE						
33481-6617	BLACK	A						X	SALEABLE						
33481-6618	DK.GRAY	C							SALEABLE						
33481-6619	ST.GRAY	D							SALEABLE						
33481-6620	BLACK	A			X				SALEABLE						
33481-6621	ST.GRAY	D	X	X	X	X	X	X	SALEABLE						
33481-6622	ST.GRAY	D	X					X	SALEABLE						
33481-6623	BLACK	A	X		X			X	SALEABLE						
33481-6624	BLACK	A						X X	SALEABLE						
33481-6625	BLACK	A		X	X	X	X		SALEABLE						
33481-6626	BLACK	A				X	X		SALEABLE						
33481-6627	BLACK	A	X	X	X			X	SALEABLE						

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: Added new part numbers				molex MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL					
		MM		1:1											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
		ANGULAR TOL ± 3°													
		4 PLACES		±											
3 PLACES		±		STATUS: Production DRWN: Srikanth CV 2024-01-22 CHK'D: Chaitra D 2024-01-30 APPR: Gurunandan GA 2024-01-31				PRODUCT SALES DRAWING							
2 PLACES		± 0.100						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
1 PLACE		± 0.30						SD-33481-061		PSD	001	V8			
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		33481				GENERAL MARKET		5 OF 5	