

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	BLADE SEALED ASSEMBLY
6	SYSTEM PACKAGING
7	BACKSHELL NOTES
8	BACKSHELL
9	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 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:

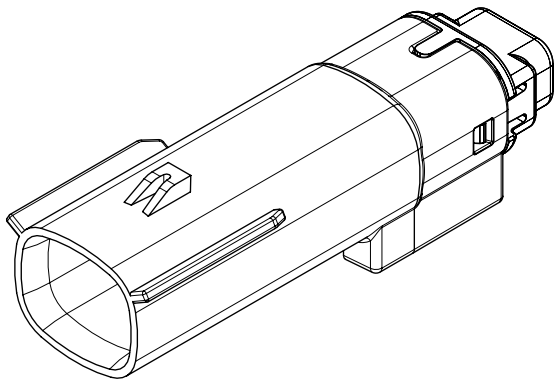
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION: TBD
 - UL V0 CONFIGURATION: SD-160106-0002

3. DESIGN - GEOMETRY:

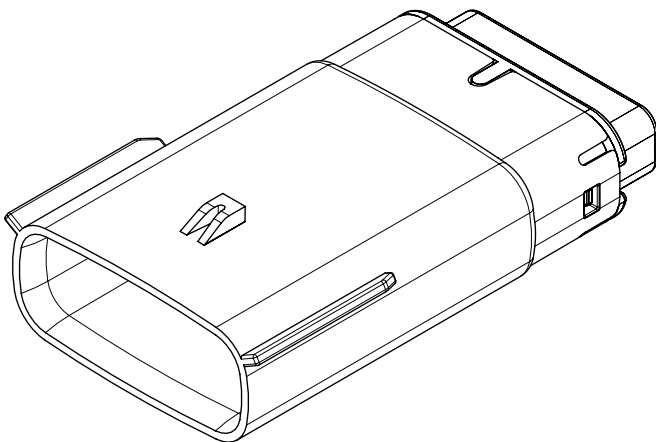
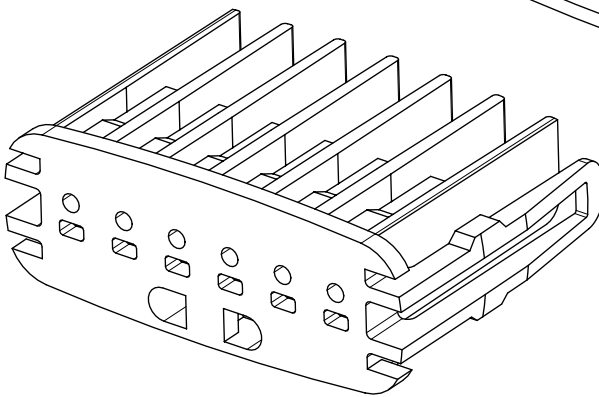
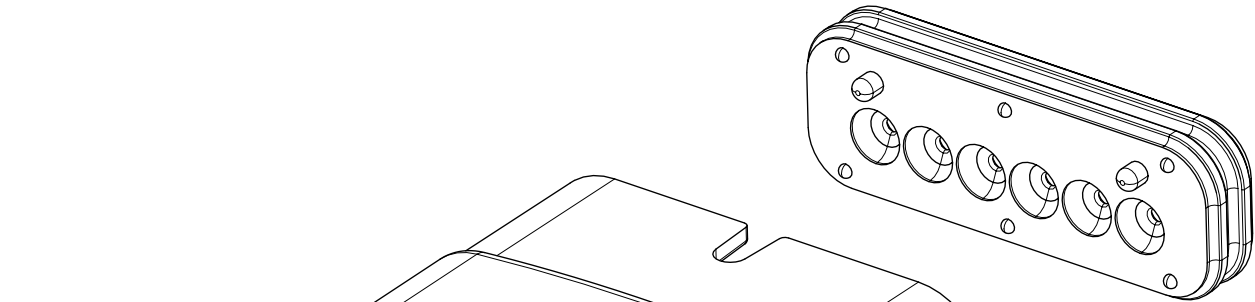
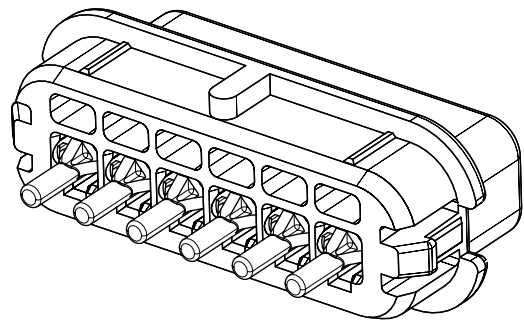
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED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



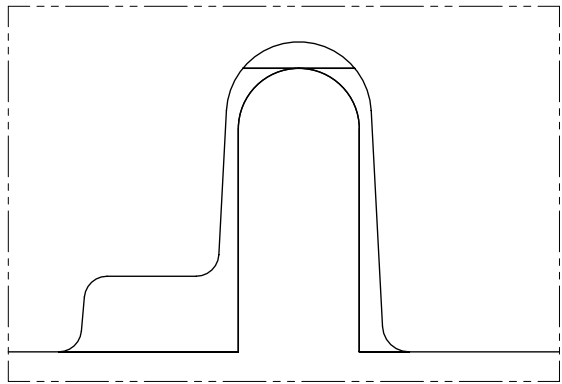
1X6

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

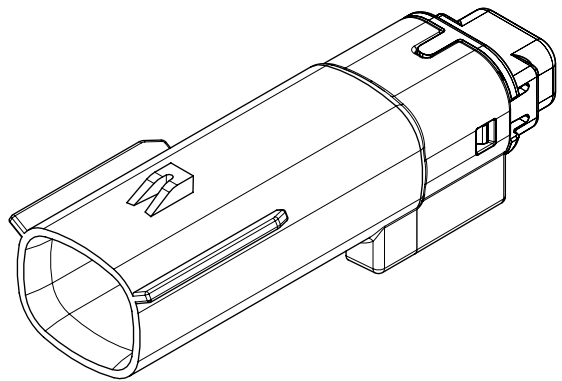
INSPECTION NUMBER LOG
LAST NUMBER: 9
ADDED:
REMOVED:

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex									
	MM ONLY		1.5:1																
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: CO-000012501					MX150 BLADE SINGLE ROW SEALED ASSY									
 = 0	ANGULAR TOL ± 0.5 °																		
 = 0	4 PLACES		± 0		DRWN: Yann Chen 02-Sep-2022					PRODUCT SALES DRAWING									
 = 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:					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
 = 0	0 PLACES		± 0		DRWN: APROFFITT 2015/07/21					SD-33481-0001				PSD		001		A2	
 = 0	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				1 OF 9		

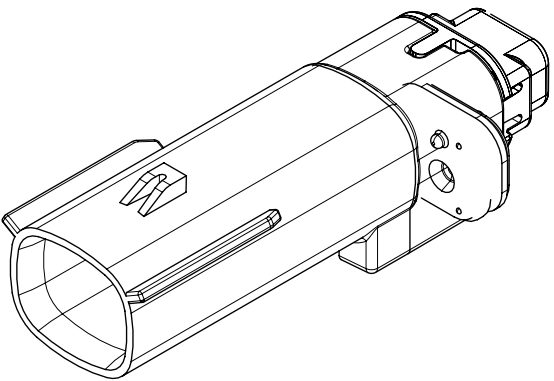
SHEET DESCRIPTION
CONFIGURATIONS



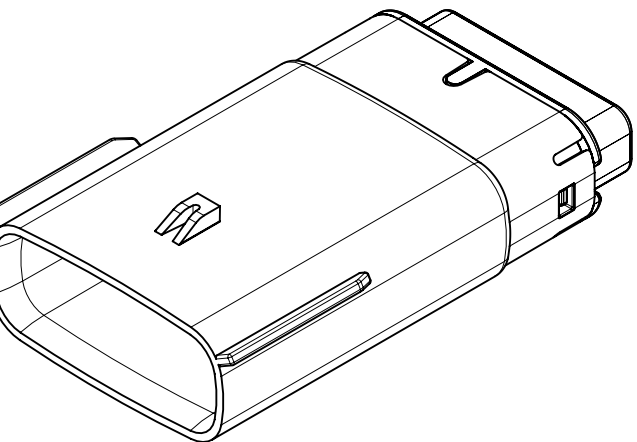
UL V0 UNIQUE FEATURE
Partial1
SCALE 10:1



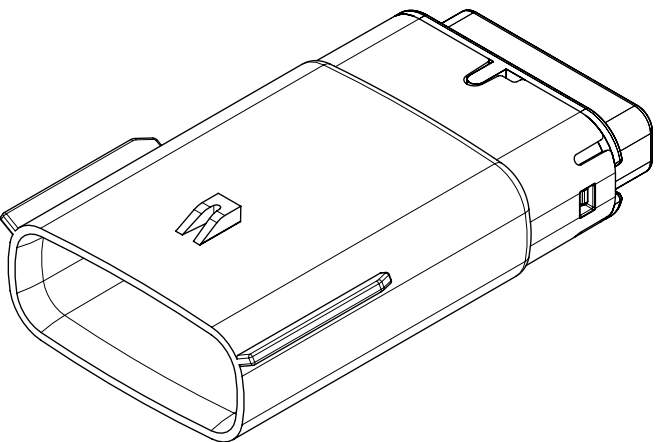
1x2 - STD



1X2 - UL V0*



1x6 - STD



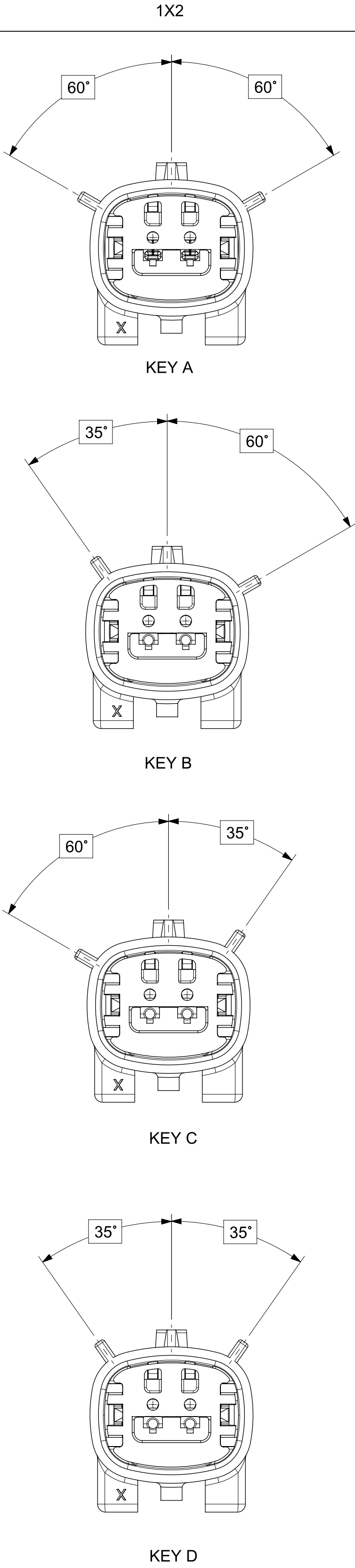
1x6 - UL V0*

* 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	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex									
		MM ONLY		1.5:1															
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				MX150 BLADE SINGLE ROW SEALED ASSY													
	= 0	ANGULAR TOL ± 0.5°				PRODUCT SALES DRAWING													
	= 0	4 PLACES ± 0		EC NO: CO-000012501		DRWN: Yann Chen 02-Sep-2022		CHK'D: Matt Young 08-May-2024		APPR: Elvis Song 10-May-2024		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	= 0	3 PLACES ± 0		INITIAL REVISION:		DRWN: APROFFITT 2015/07/21		APPR: KDEKOSKI 2016/06/14		SD-33481-0001		PSD		001		A2			
	= 0	2 PLACES ± 0		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
	= 0	1 PLACE ± 0				A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		2 OF 9					
	= 0	0 PLACES ± 0																	
	= 0	DRAFT WHERE APPLICABLE																	
	= 0	MUST REMAIN WITHIN DIMENSIONS																	

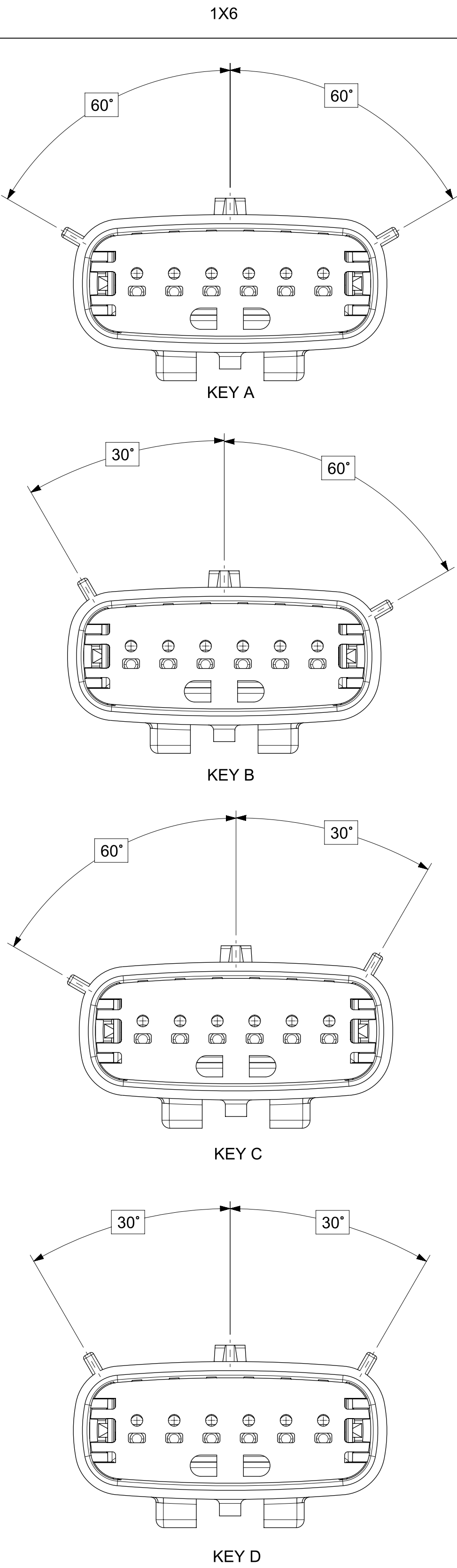
SHEET DESCRIPTION

KEY CONFIGURATIONS



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

SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.

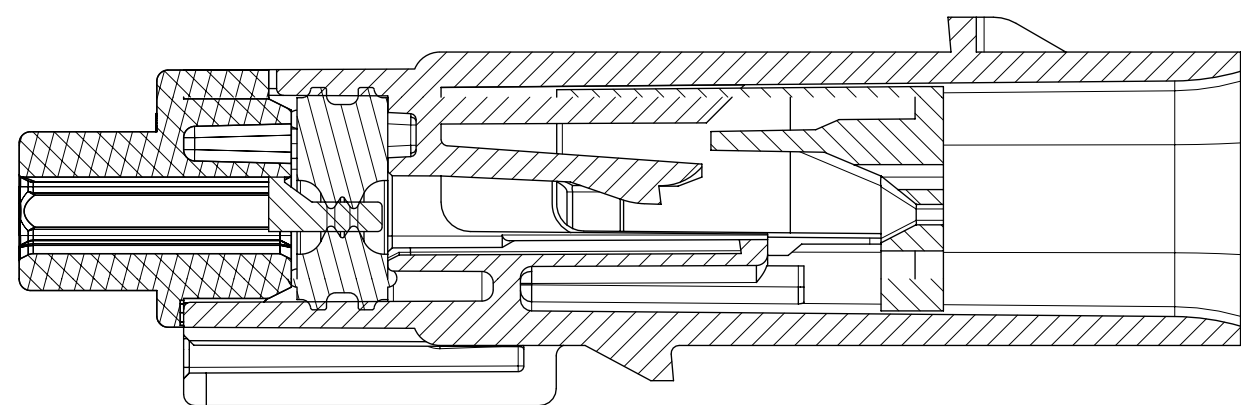
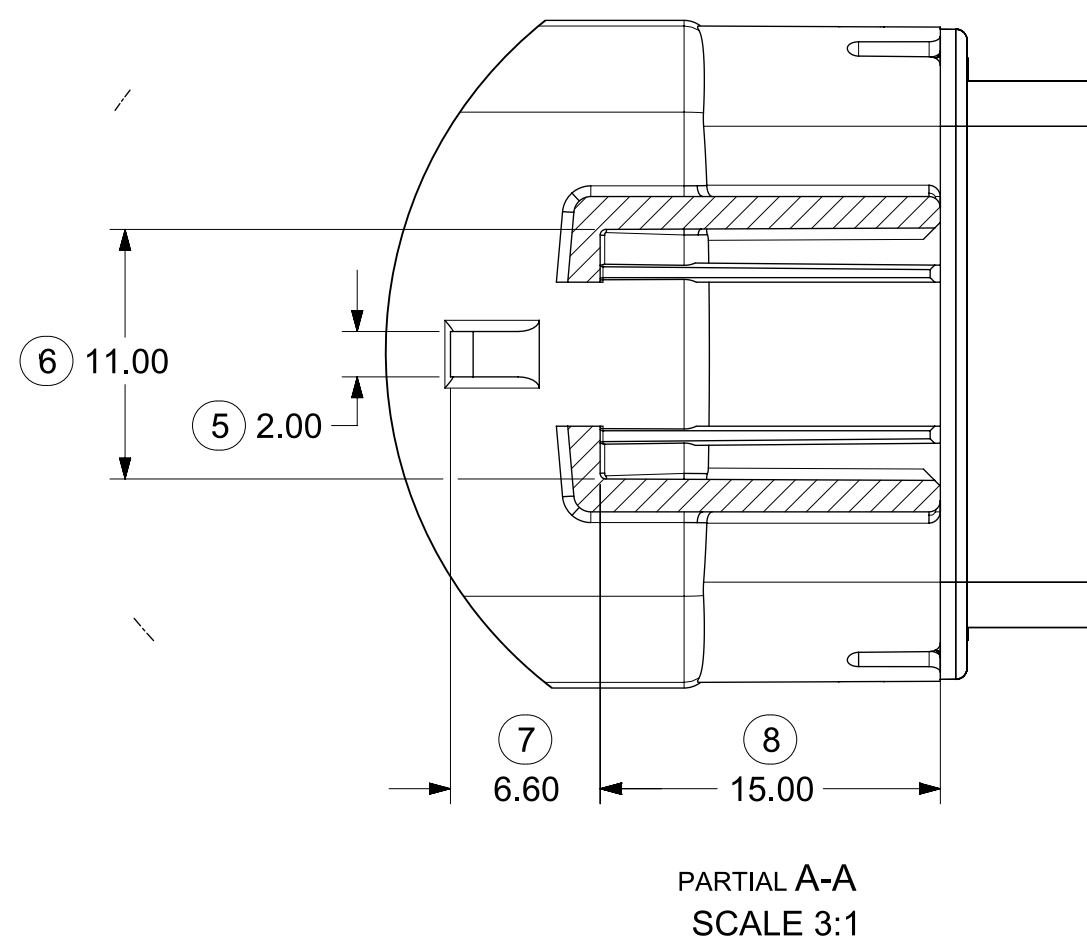
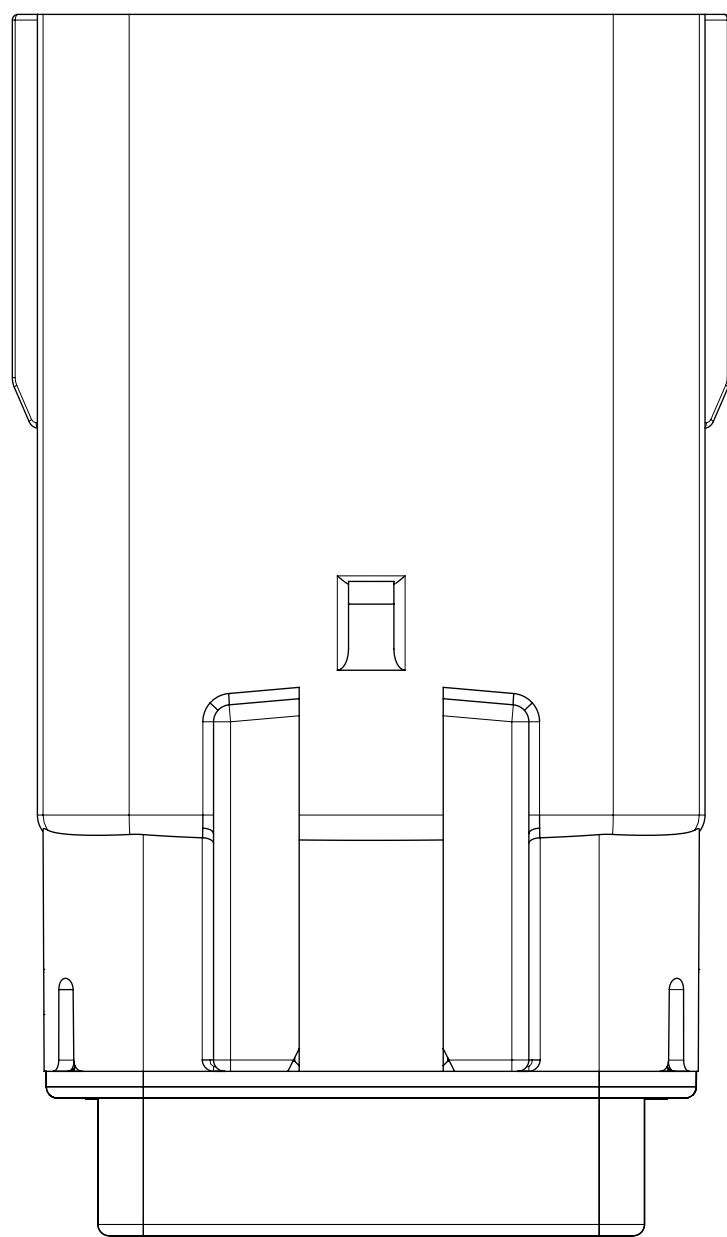
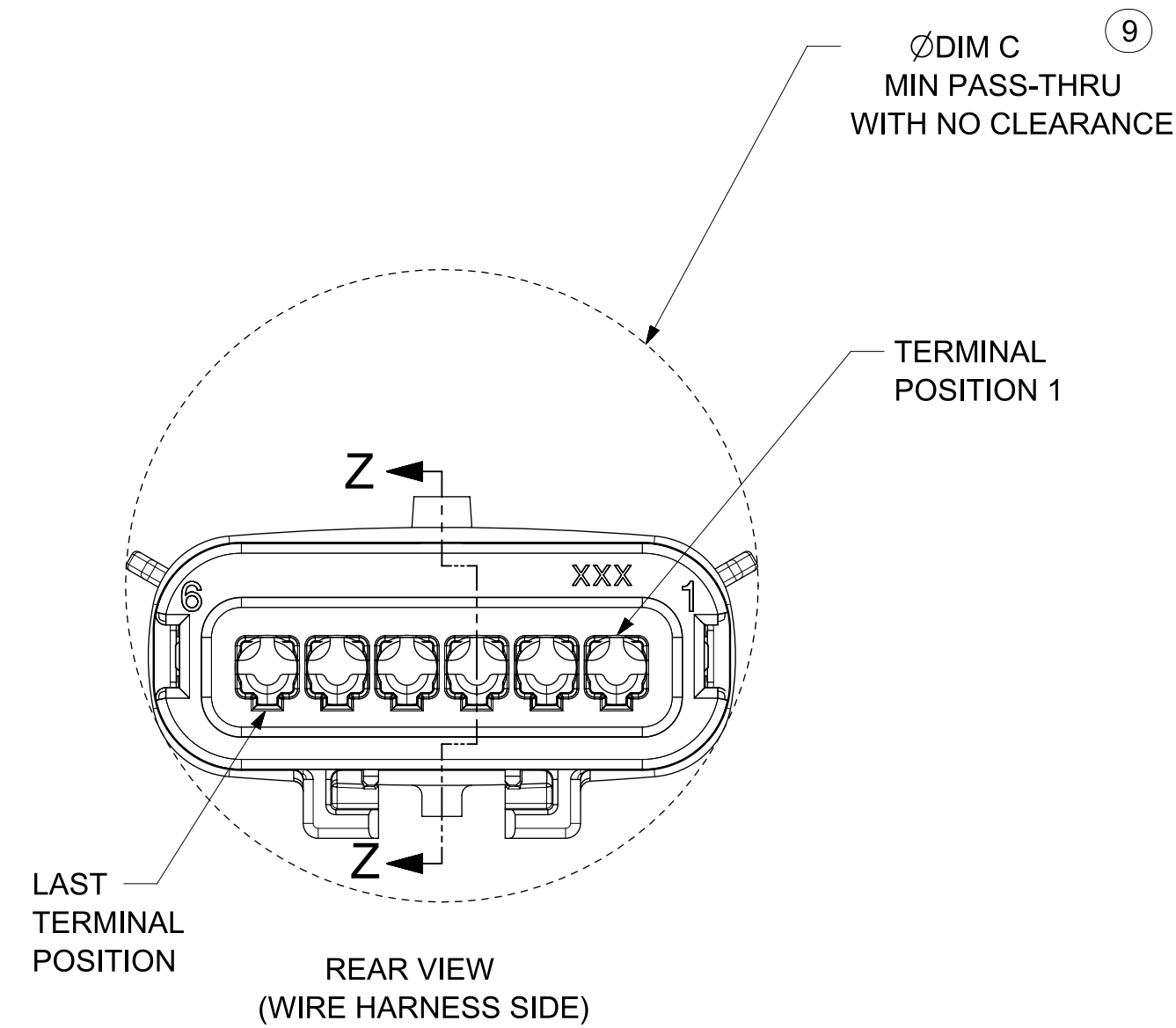
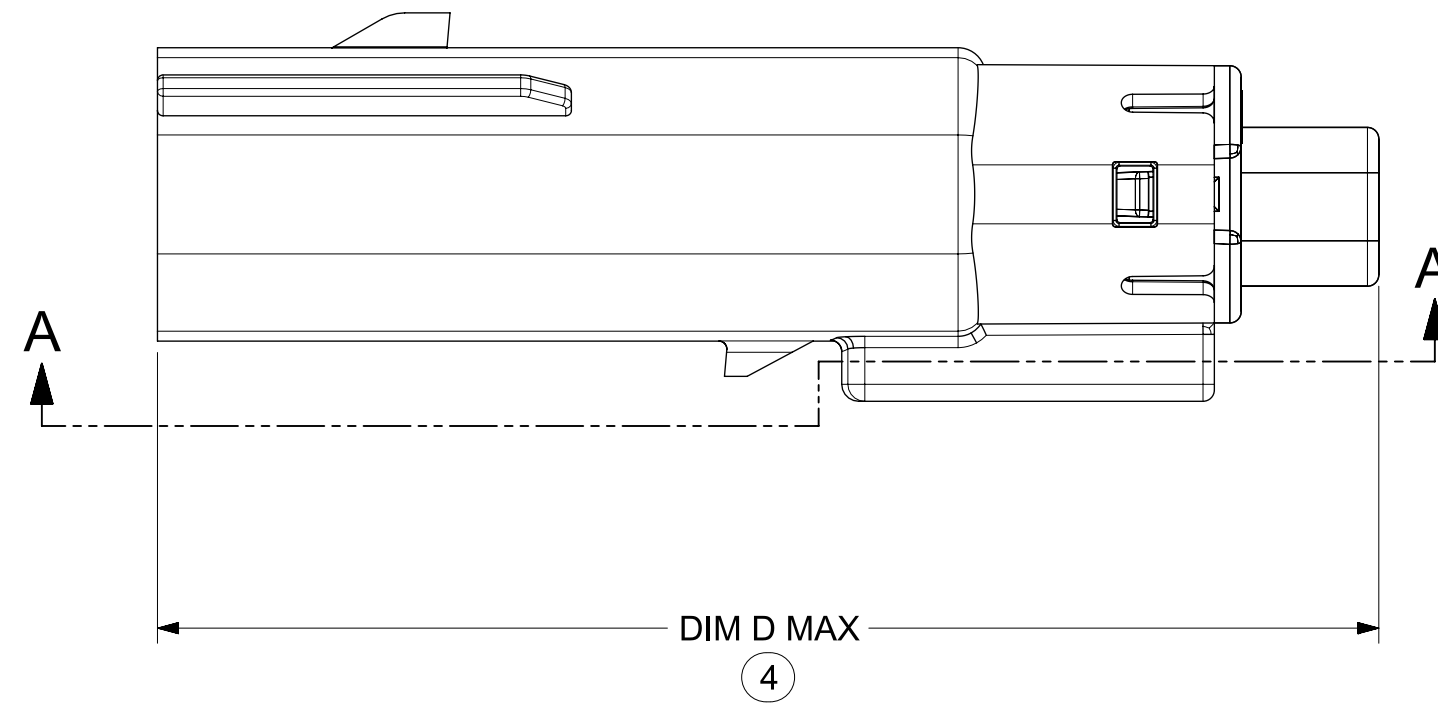
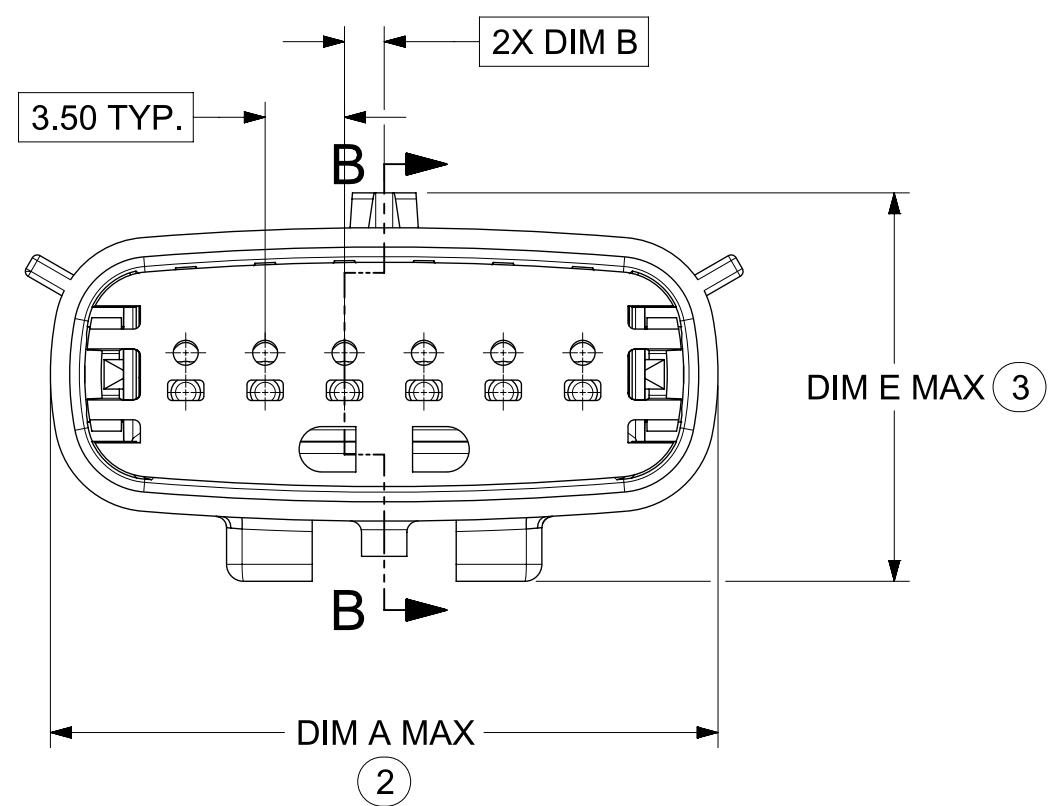


SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex					
	= 0	MM ONLY		3:1		EC NO: CO-000012501 DRWN: Yann Chen 02-Sep-2022 CHK'D: Matt Young 08-May-2024 APPR: Elvis Song 10-May-2024 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14						MX150 BLADE SINGLE ROW SEALED ASSY					
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	= 0	ANGULAR TOL ± 0.5 °										PRODUCT SALES DRAWING					
	= 0	4 PLACES		± 0													
	= 0	3 PLACES		± 0													
	= 0	2 PLACES		± 0		DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION	
	= 0	1 PLACE		± 0													
	= 0	0 PLACES		± 0		SD-33481-0001				PSD		001		A2			
	= 0	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		4 OF 9	

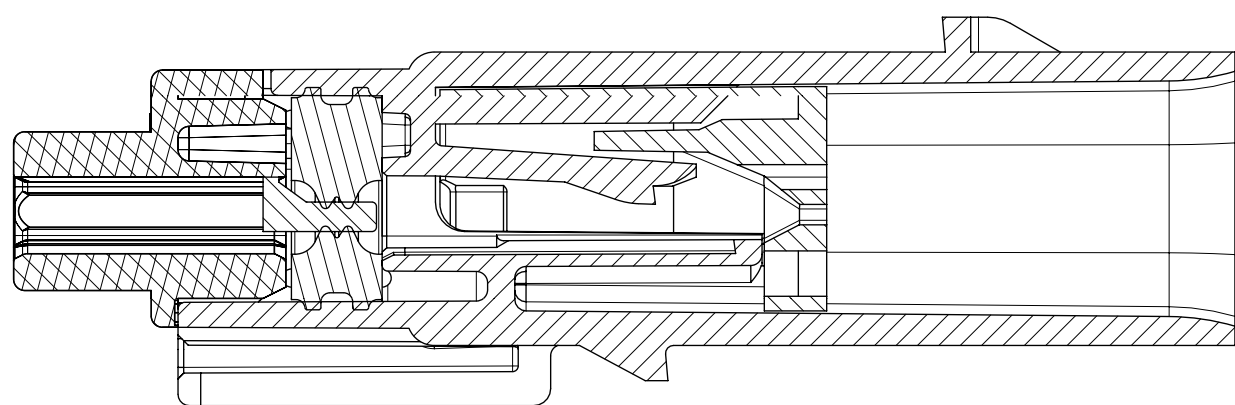
DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024 15:02:02
-----------------	------------	--------------	----------------------

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



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



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

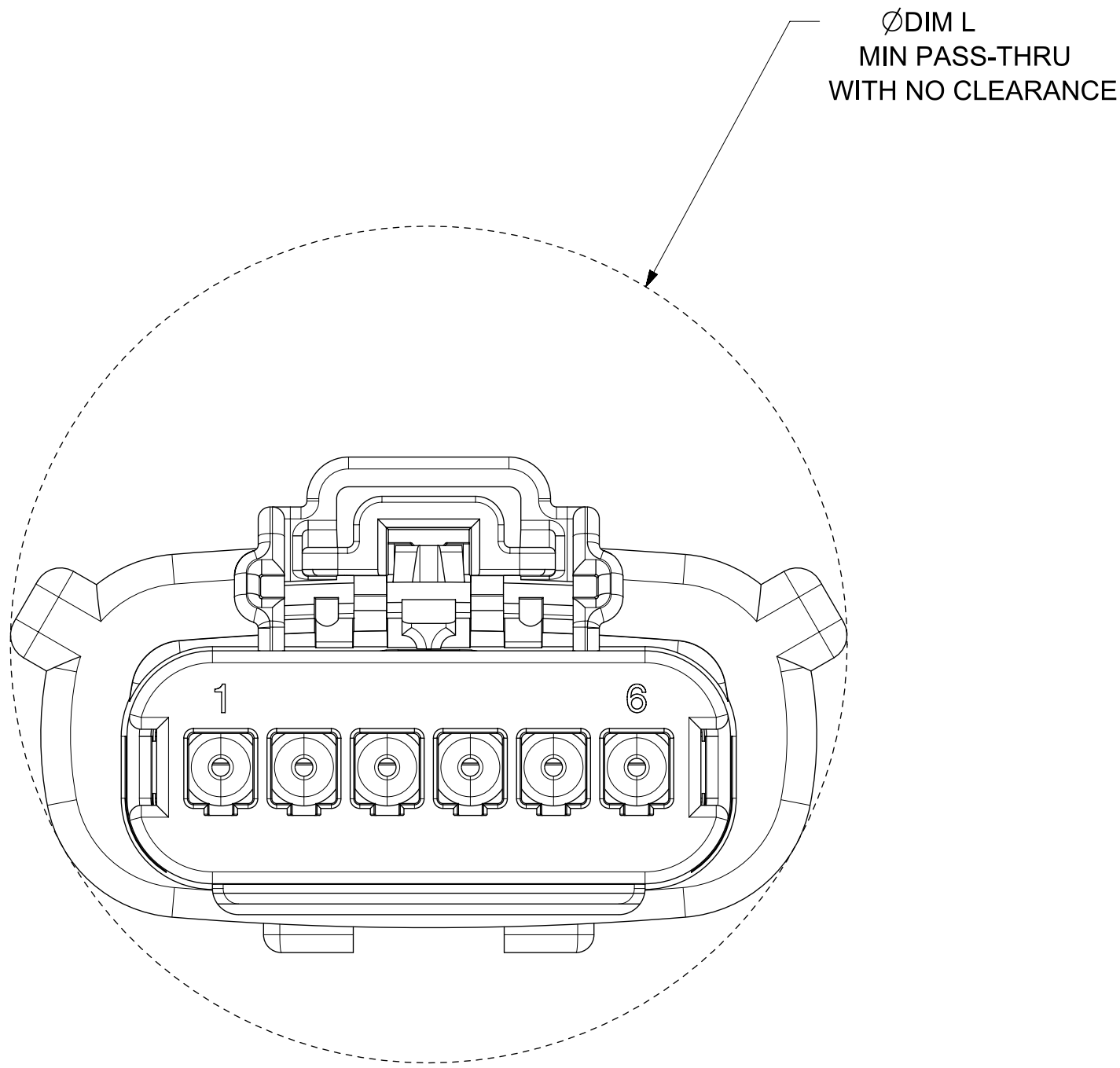
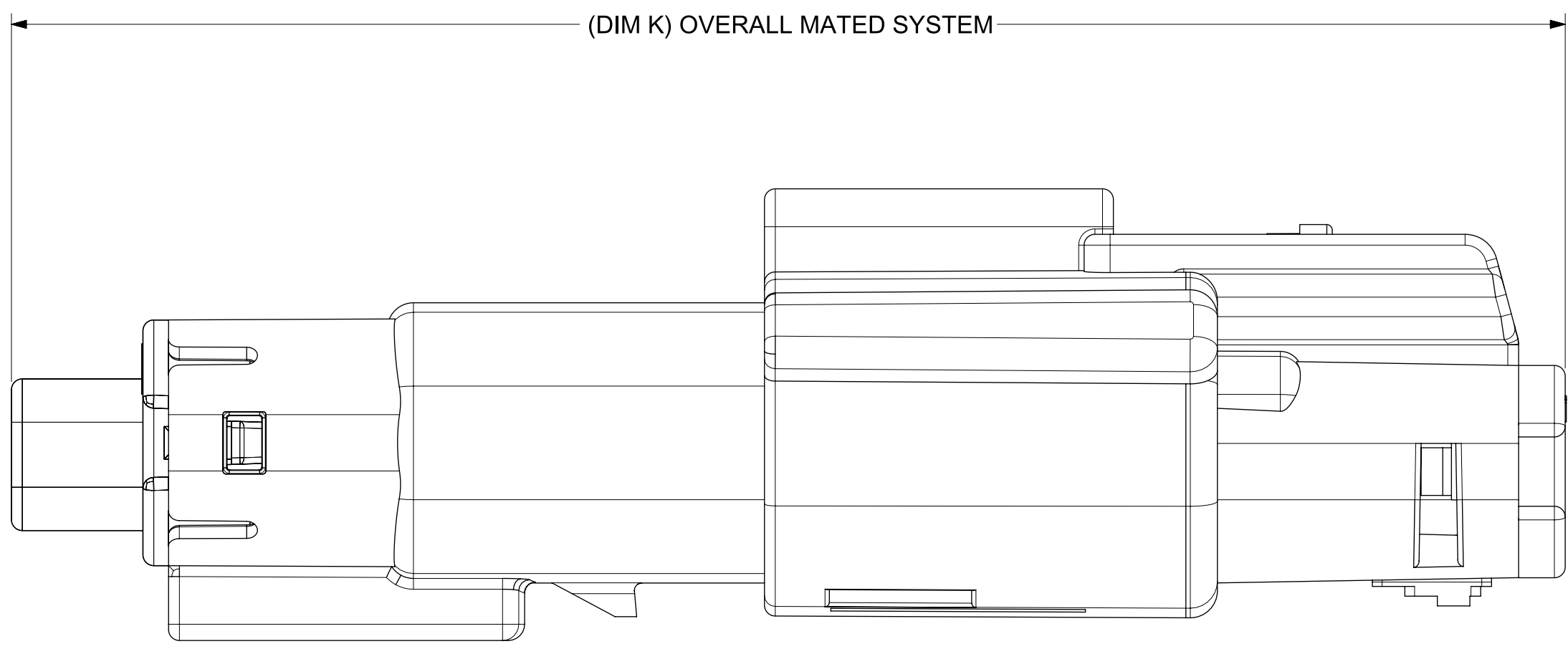
SECTION Z-Z

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
		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		3:1										MX150 BLADE SINGLE ROW SEALED ASSY	
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
		ANGULAR TOL ± 0.5°													
		4 PLACES ± 0													
		3 PLACES ± 0				PRODUCT SALES DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		2 PLACES ± 0								SD-33481-0001		PSD	001	A2	
		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		5 OF 9	

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

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	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex				
	= 0	MM ONLY		4:1											
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	= 0	ANGULAR TOL ± 0.5 °													
	= 0	4 PLACES		± 0		EC NO: CO-000012501					MX150 BLADE SINGLE ROW SEALED ASSY				
	= 0	3 PLACES		± 0		DRWN: Yann Chen 02-Sep-2022									
	= 0	2 PLACES		± 0		CHK'D: Matt Young 08-May-2024									
	= 0	1 PLACE		± 0		APPR: Elvis Song 10-May-2024					PRODUCT SALES DRAWING				
	= 0	0 PLACES		± 0		INITIAL REVISION:									
	= 0	0 PLACES		± 0		DRWN: APROFFITT 2015/07/21					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	
	= 0							A1-SIZE	33481	SEE NOTE 2a.		GENERAL MARKET		6 OF 9	
	= 0	SD-33481-0001 PSD 001 A2													

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

SHEET DESCRIPTION

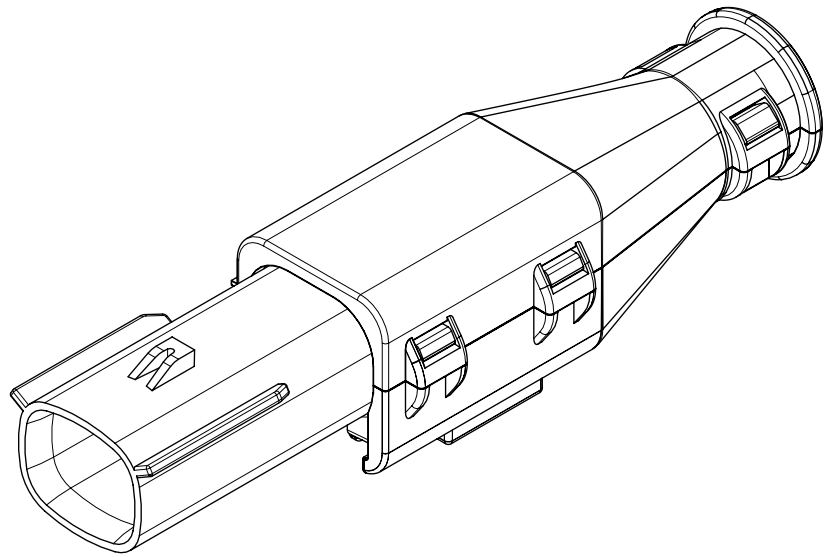
BACKSHELL NOTES

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.

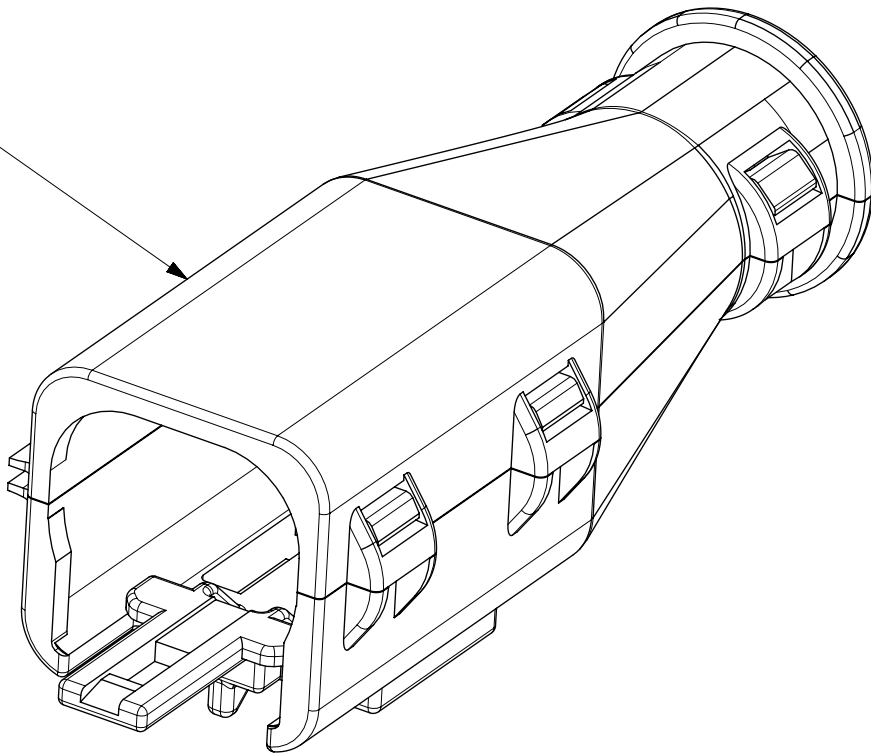
BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

- 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

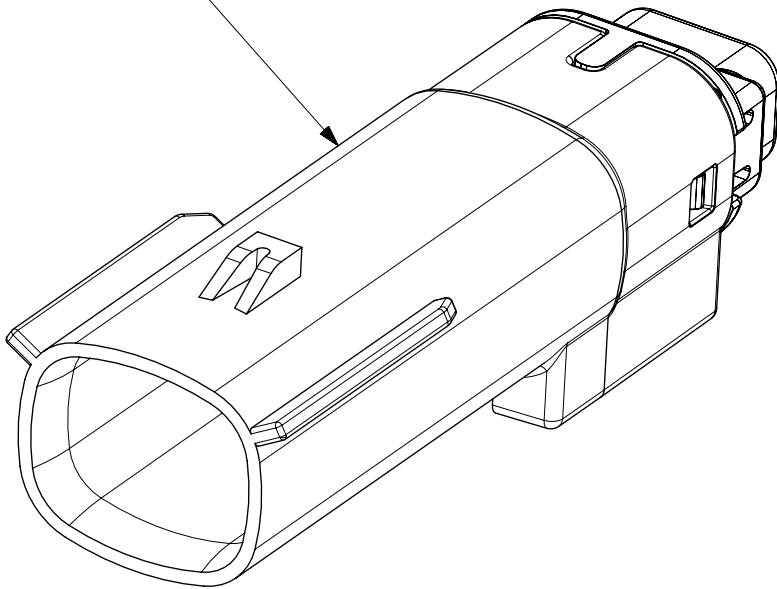


1X2

BACKSHELL (BKS)



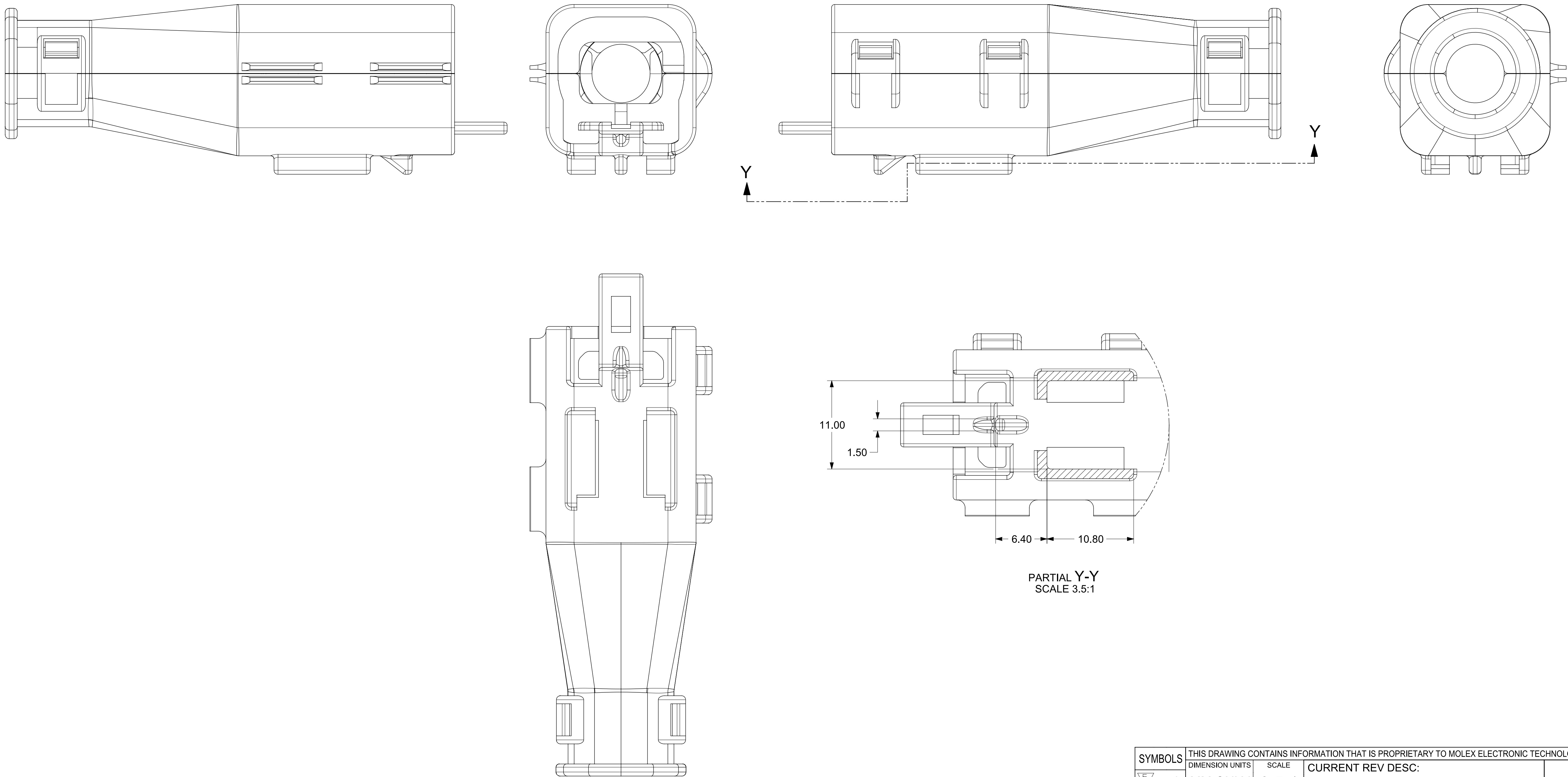
BLADE SEALED ASSEMBLY



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
 = 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									
	MM ONLY		4:1											
 = 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													
 = 0	1 PLACE ± 0													
 = 0	0 PLACES ± 0				DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION		
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	SD-33481-0001			PSD	001	A2	
 = 0								MATERIAL NUMBER			CUSTOMER			SHEET NUMBER
 = 0							A1-SIZE	33481	SEE NOTE 2a.		GENERAL MARKET		7 OF 9	

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

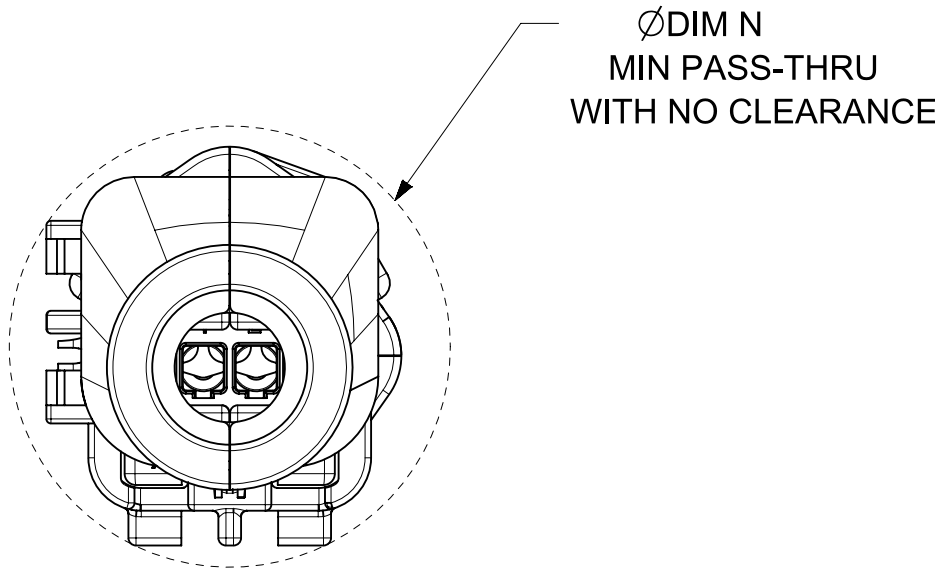
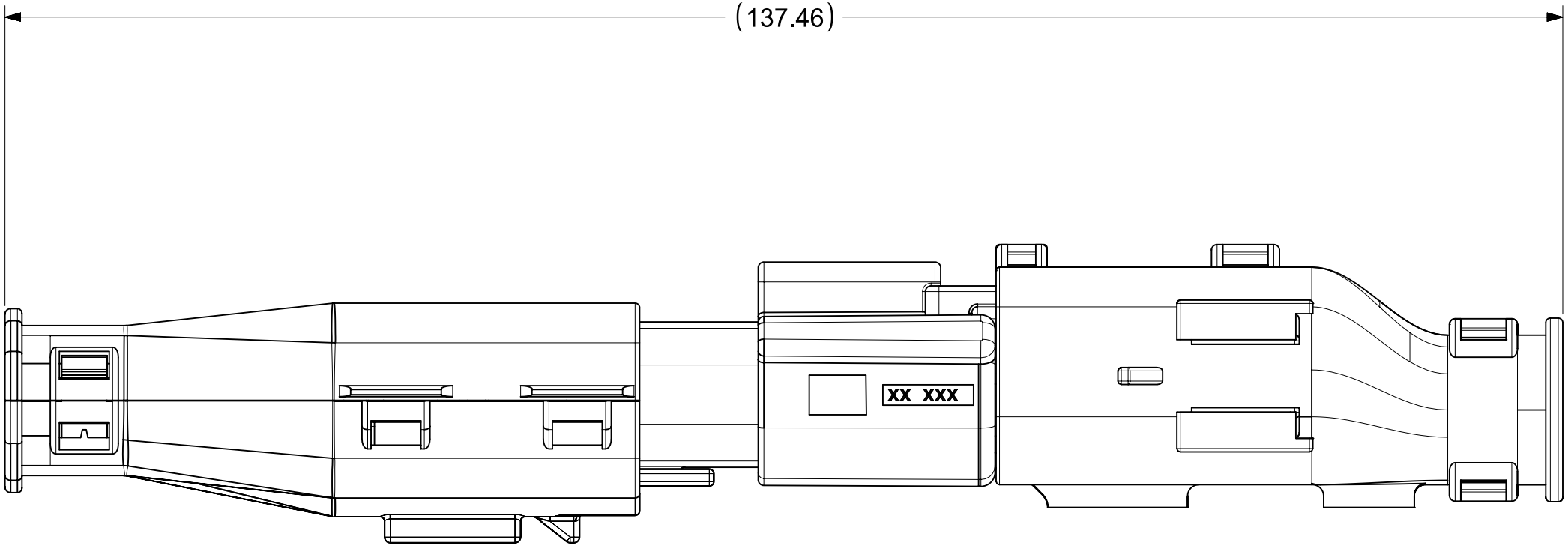
SHEET DESCRIPTION
BACKSHELL



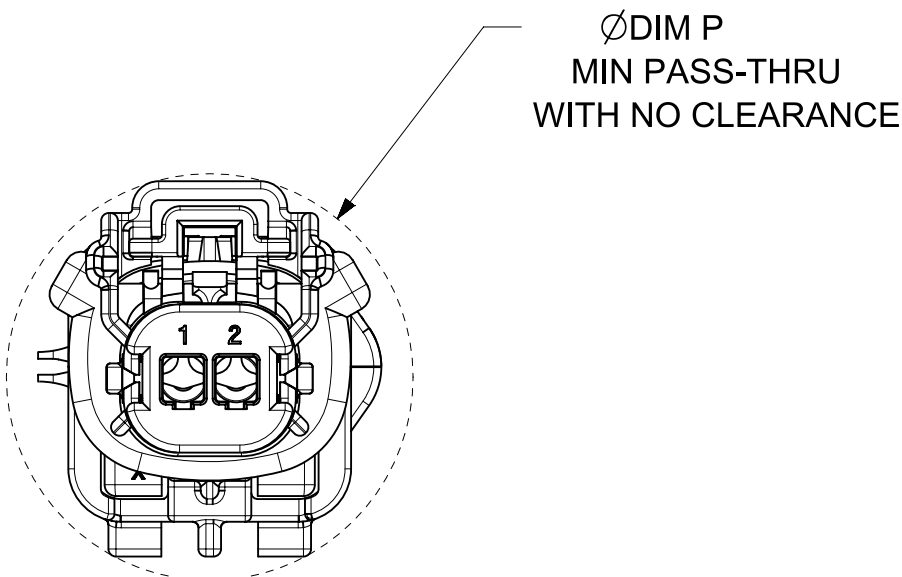
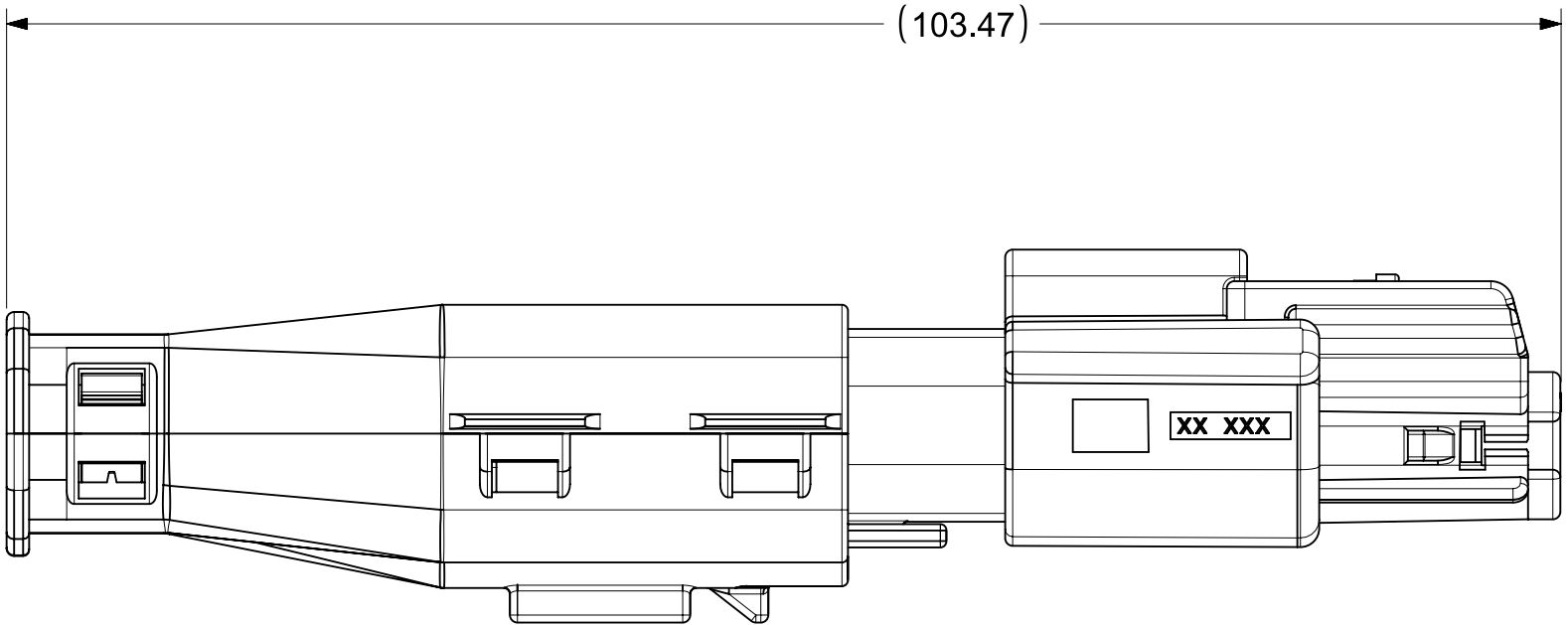
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
		MM ONLY		3.5:1													
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: CO-000012501				MX150 BLADE SINGLE ROW SEALED ASSY							
	= 0																
	= 0	ANGULAR TOL ± 0.5 °				DRWN: Yann Chen 02-Sep-2022				CHK'D: Matt Young 08-May-2024							
	= 0	4 PLACES ± 0															
	= 0	3 PLACES ± 0				APPR: Elvis Song 10-May-2024				PRODUCT SALES DRAWING							
	= 0	2 PLACES ± 0															
	= 0	1 PLACE ± 0				INITIAL REVISION:				DOCUMENT NUMBER SD-33481-0001							
	= 0	0 PLACES ± 0												DOC TYPE PSD			
	= 0	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		8 OF 9	
	= 0																

SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

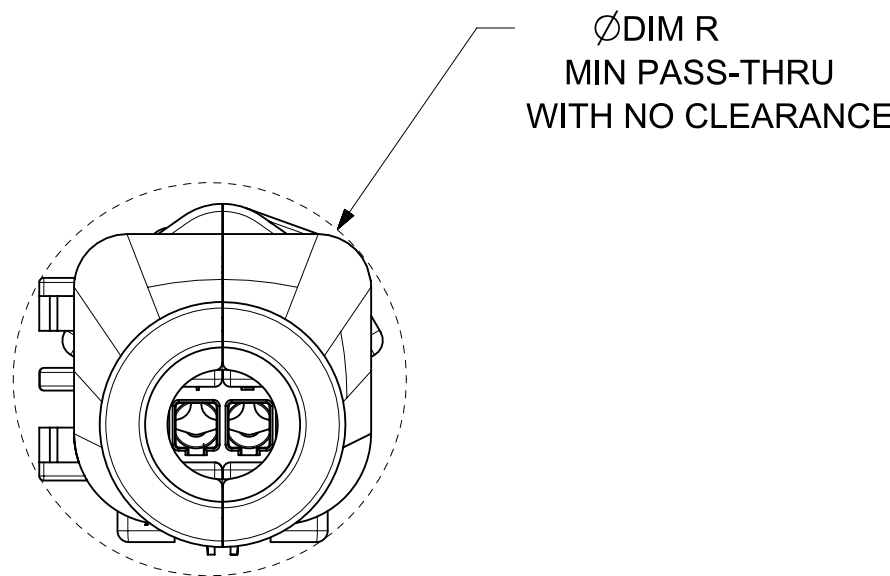
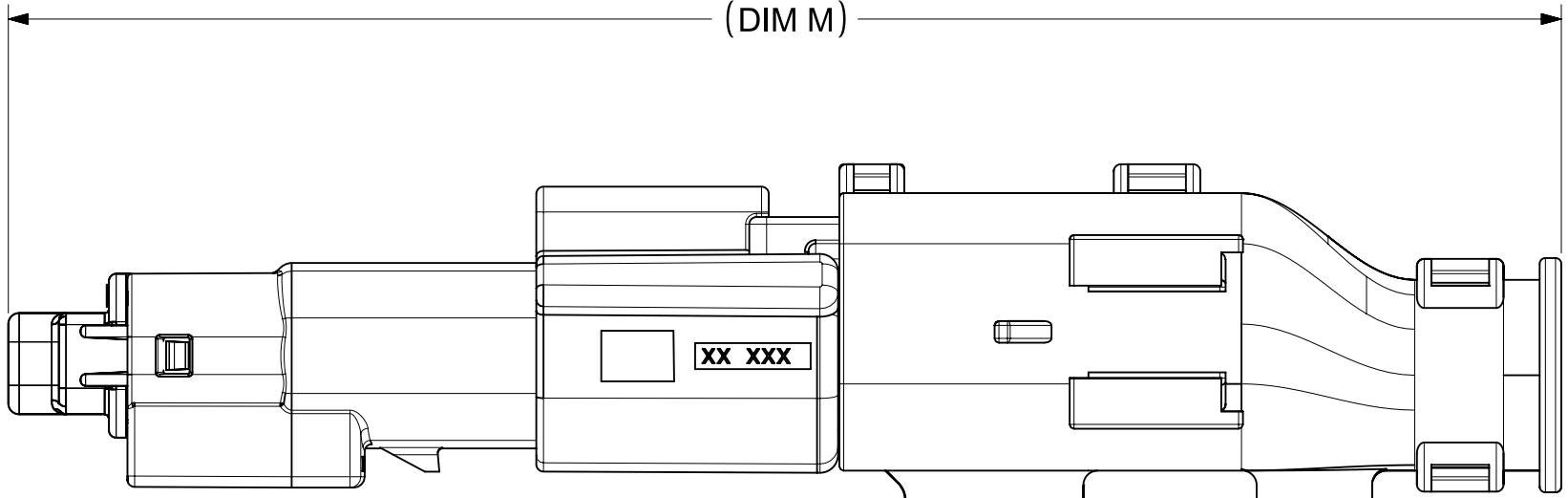
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



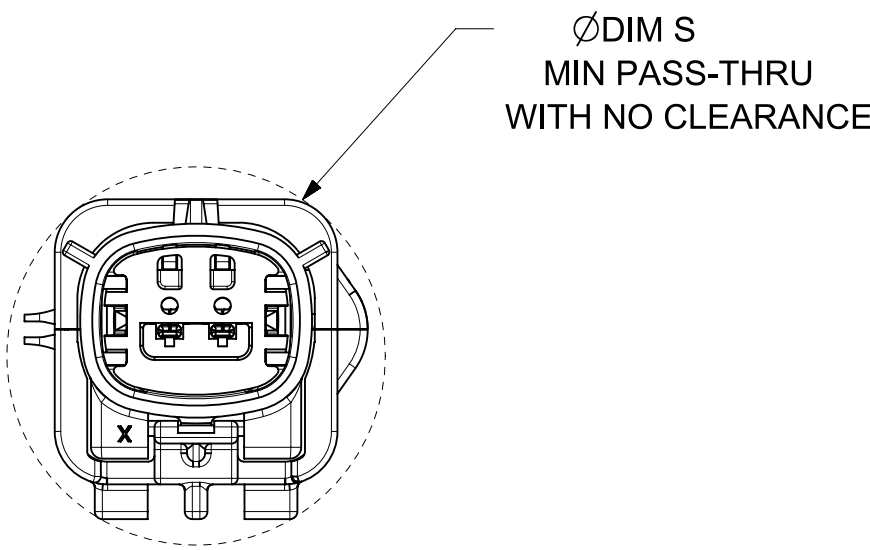
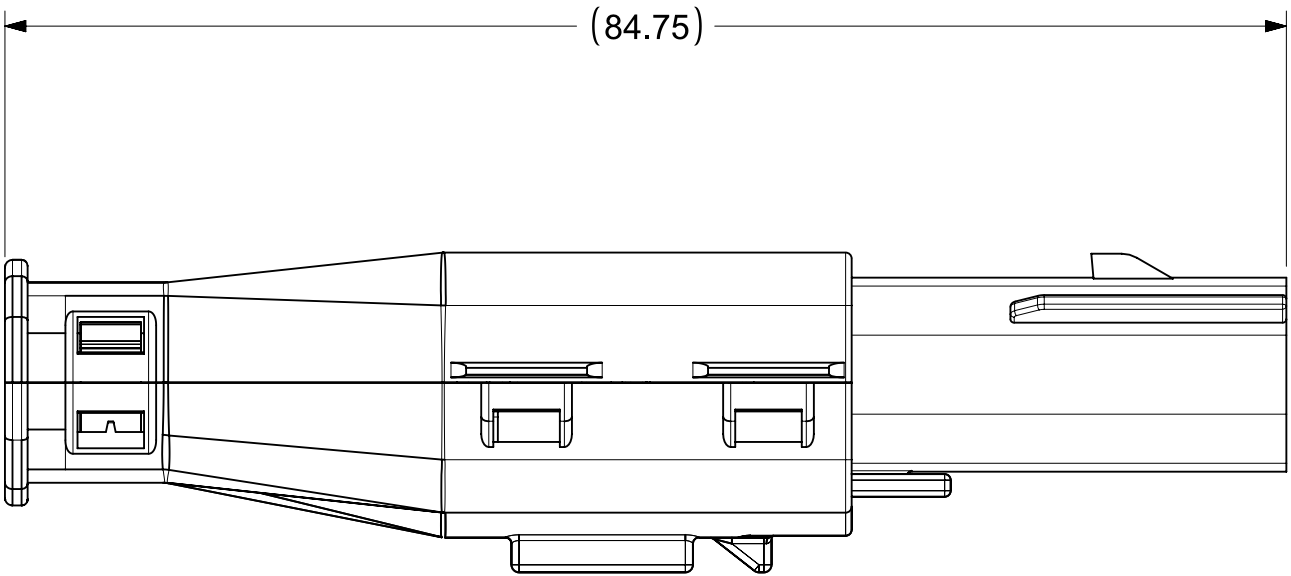
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



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															
 = 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		2:1													
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							MX150 BLADE SINGLE ROW SEALED ASSY								
	ANGULAR TOL ± 0.5°															
 = 0	4 PLACES		± 0					PRODUCT SALES DRAWING								
	3 PLACES		± 0													
 = 0	2 PLACES		± 0		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
	1 PLACE		± 0													
 = 0	0 PLACES		± 0		SD-33481-0001				PSD		001		A2			
 = 0	DRAFT WHERE APPLICABLE				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	MUST REMAIN WITHIN DIMENSIONS						A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		9 OF 9	

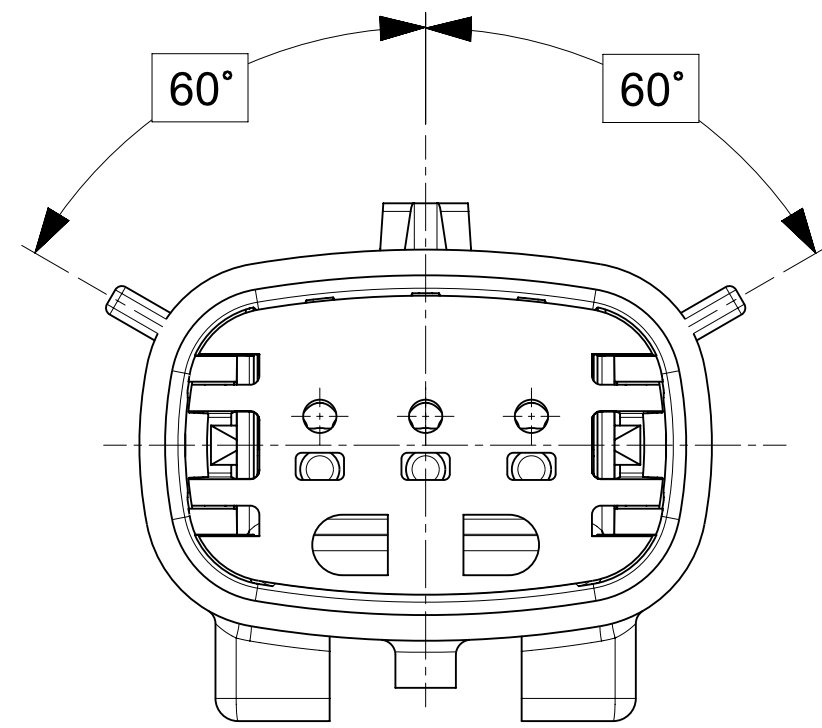
molex

MX150 BLADE
SINGLE ROW SEALED ASSY

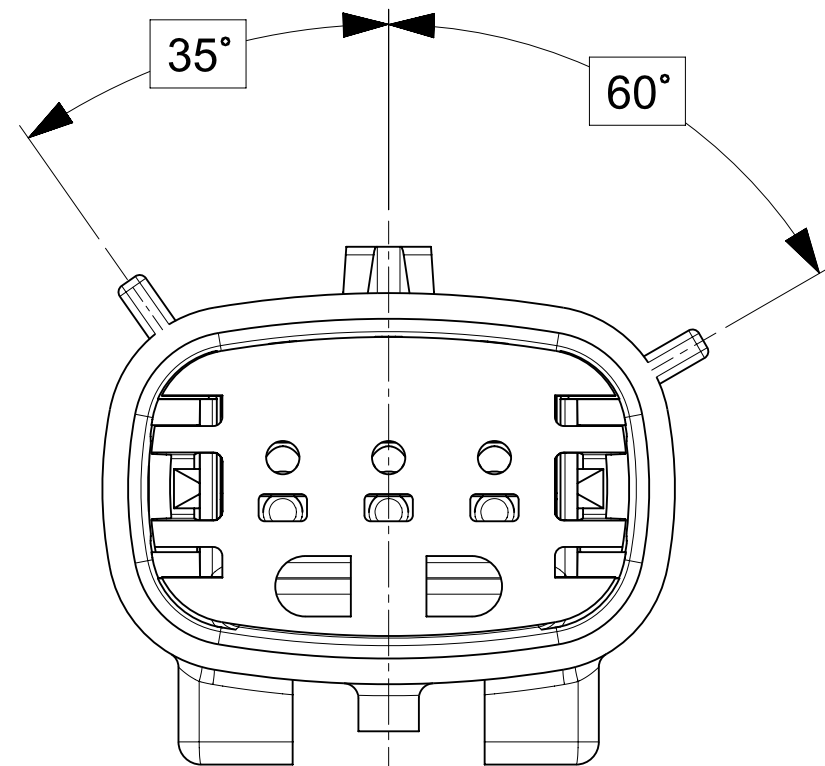
PRODUCT SALES DRAWING

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

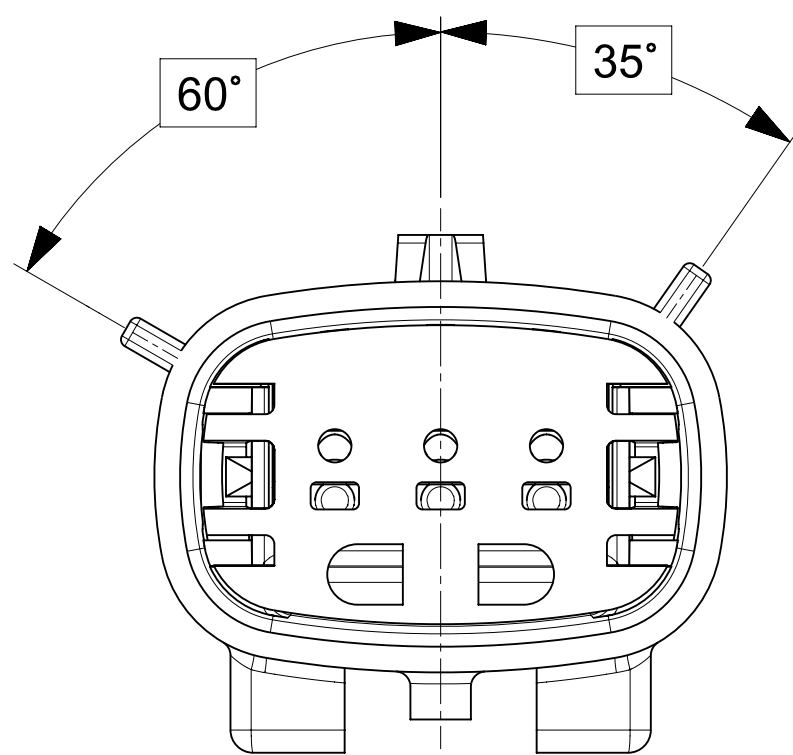
DOCUMENT STATUS	Production	RELEASE DATE	10-May-2024 15:02:02
-----------------	------------	--------------	----------------------



KEY A

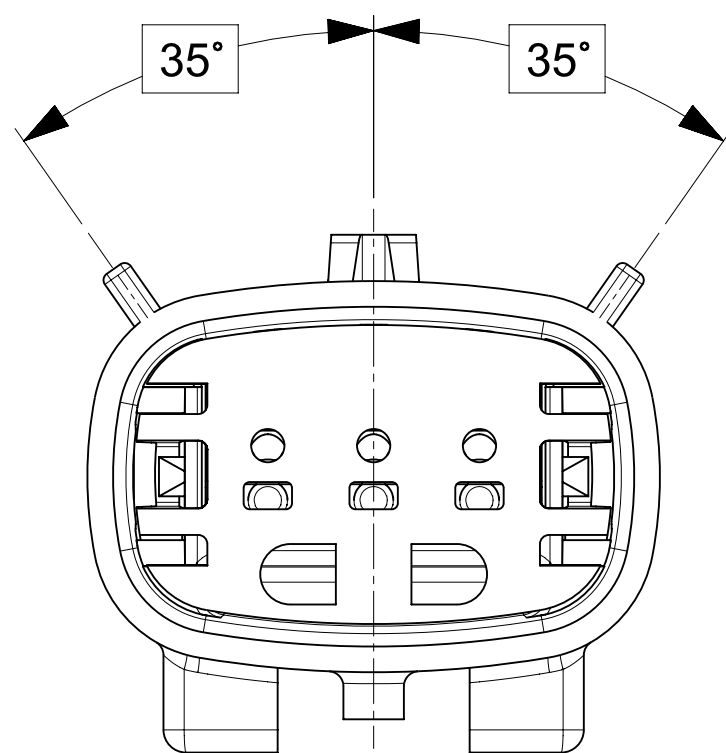


KEY B



Front2

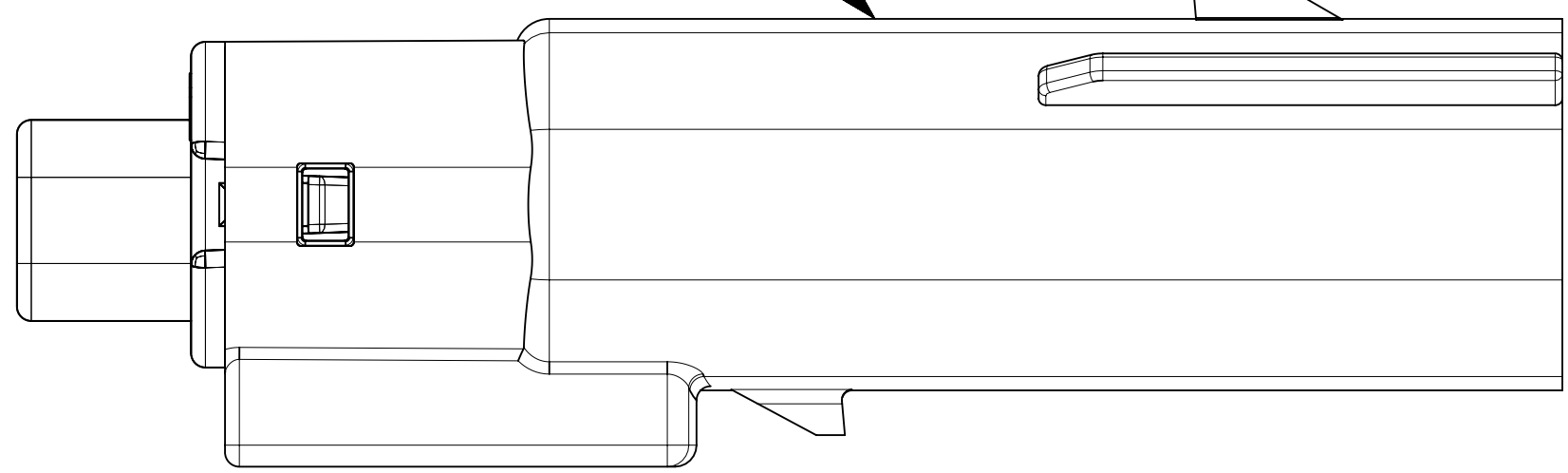
KEY C



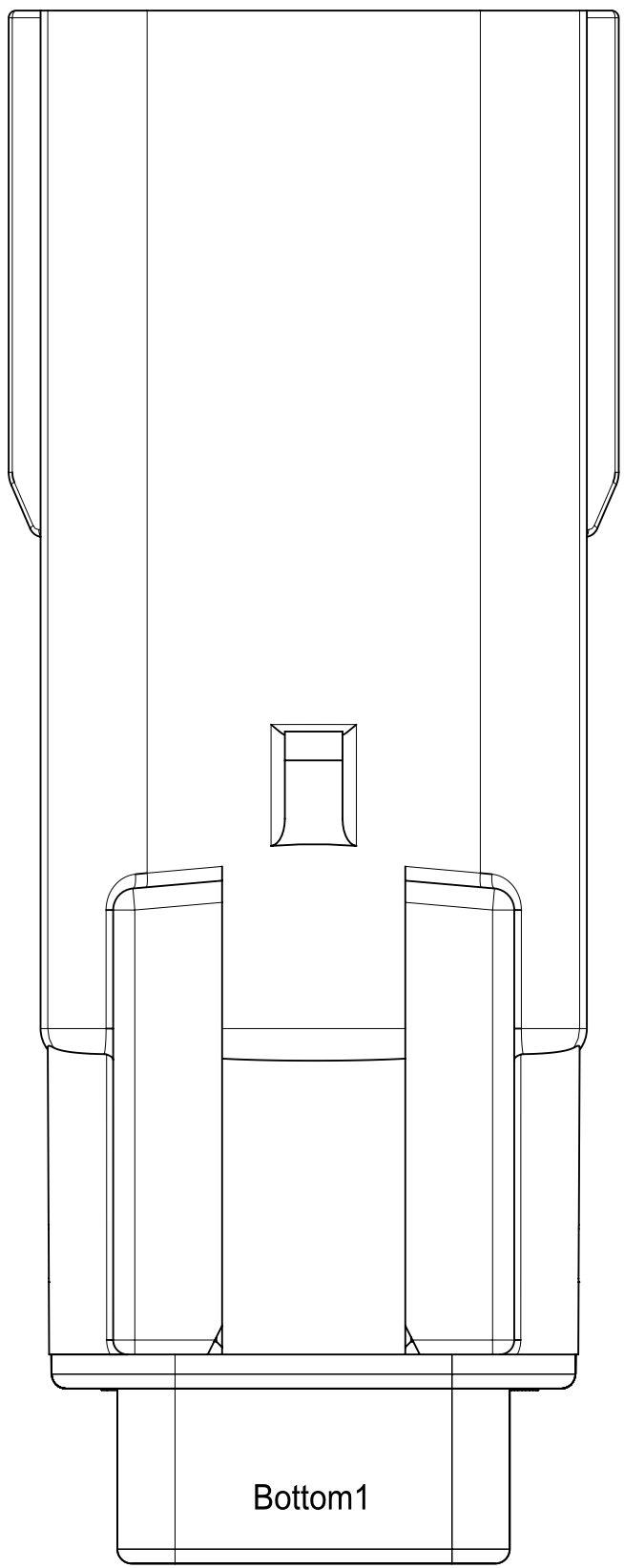
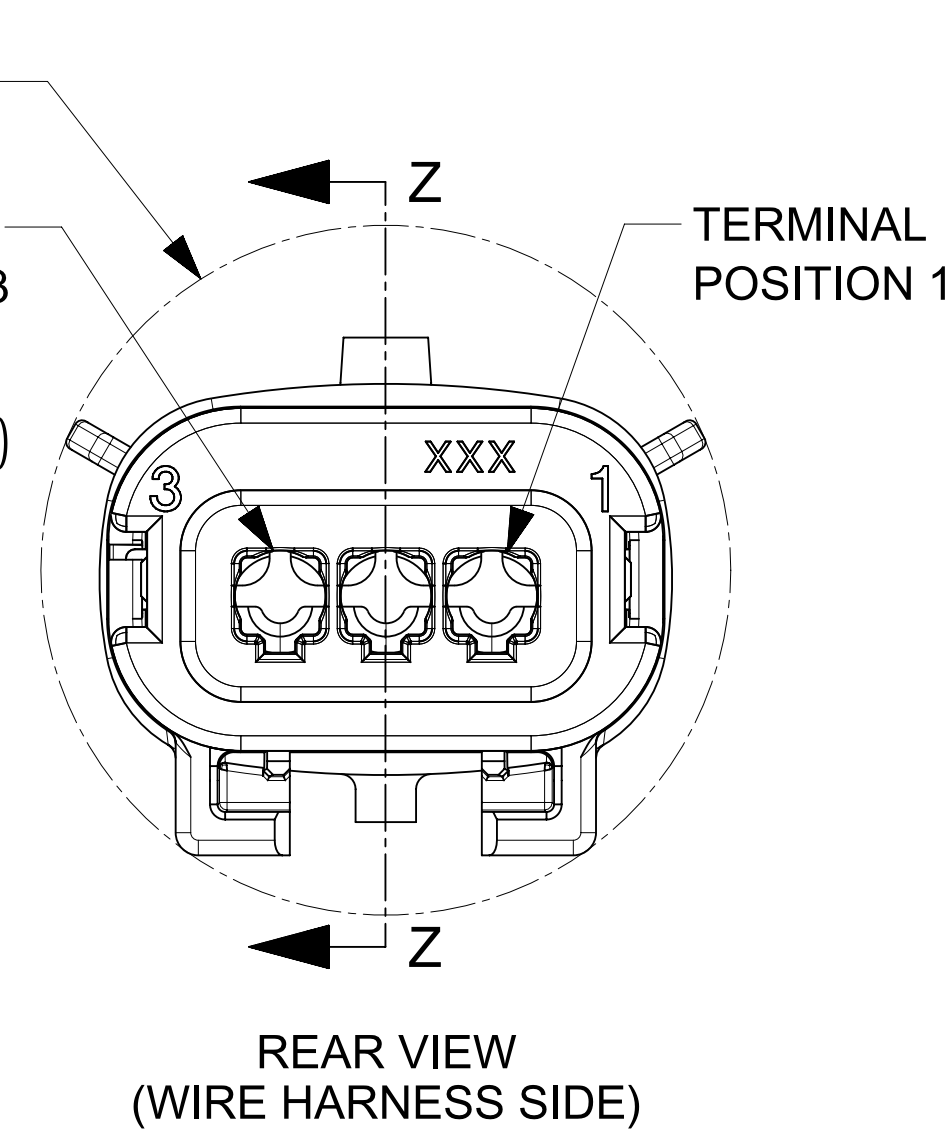
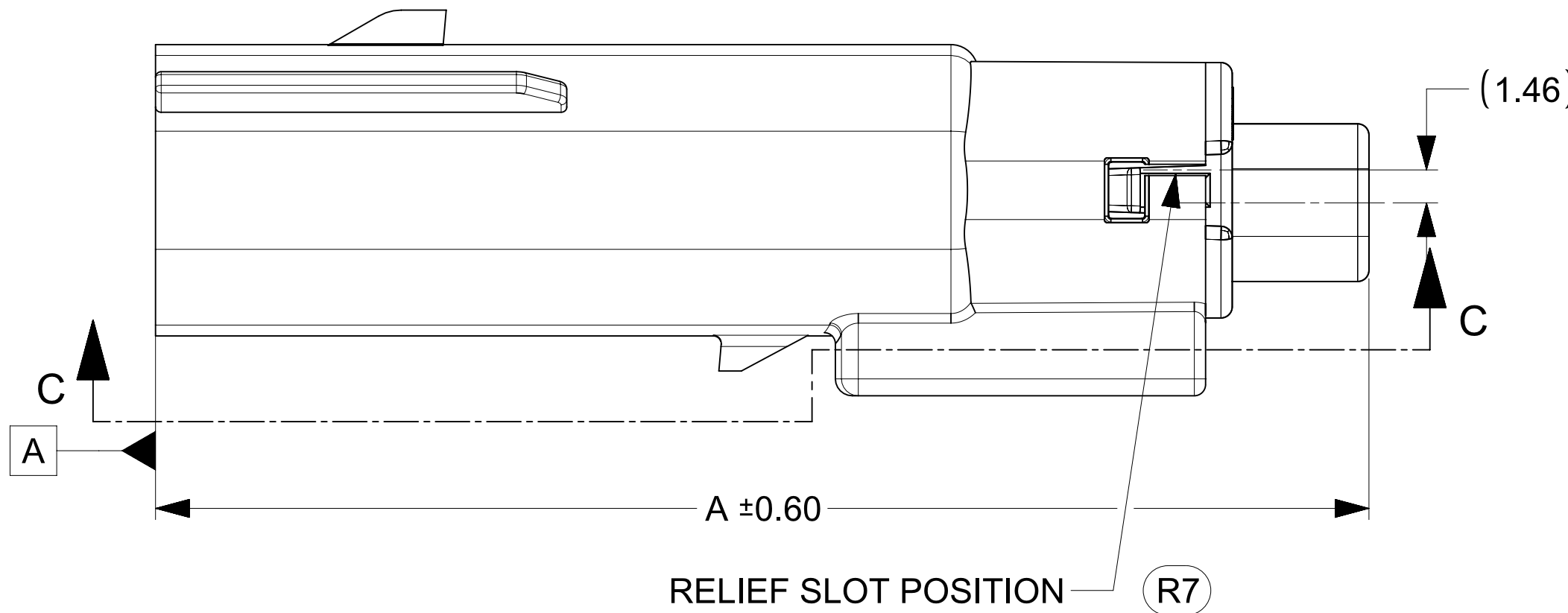
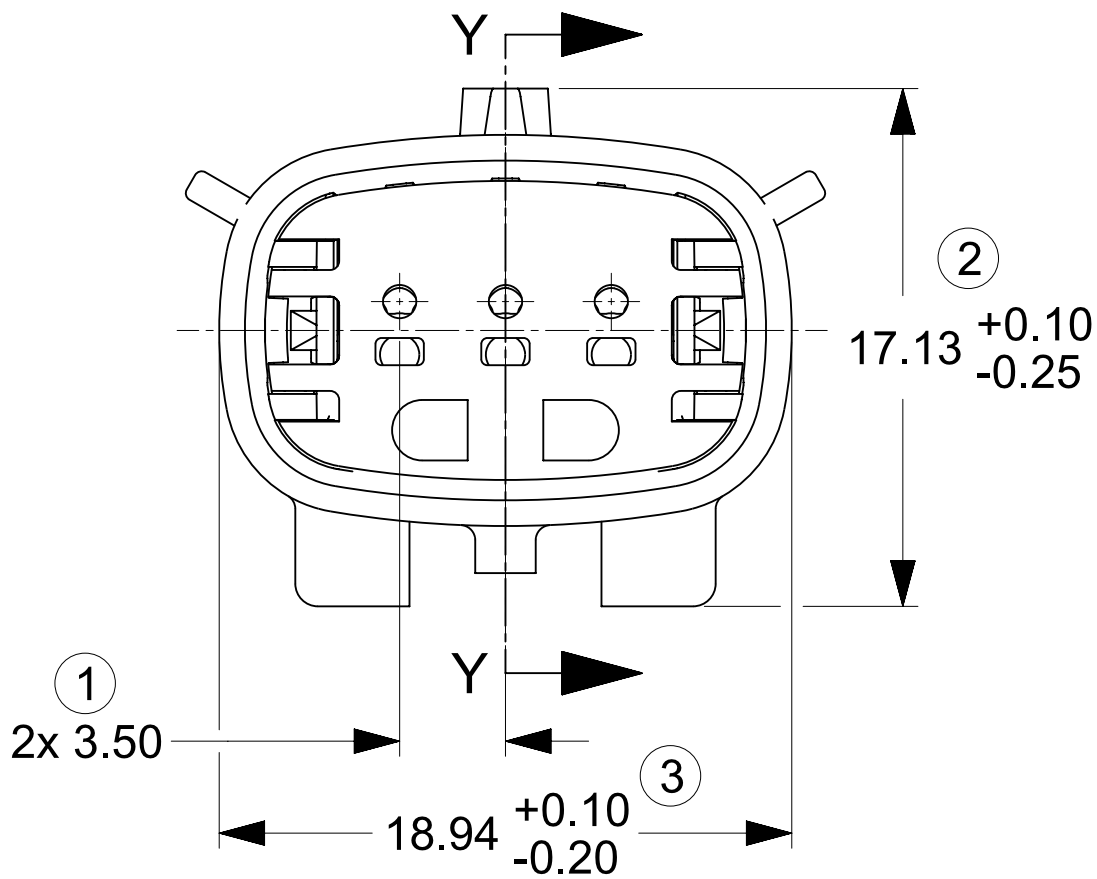
Key 3D

FUNCTIONAL SYMBOLS F A = 0 F E = 0 F F = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					CURRENT REV DESC: ADDED 334813326 PART NUMBER				molex MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL					
	DIMENSION UNITS		SCALE		STATUS: Production DRWN: Shekar S B CHK'D: Tom Smith APPR: Andy Proffitt 2025-10-07 2025-10-28 2025-10-28					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	MM		4:1							SD-33481-031		PSD	001	R8	
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	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 D-SIZE		SERIES 33481		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 7	

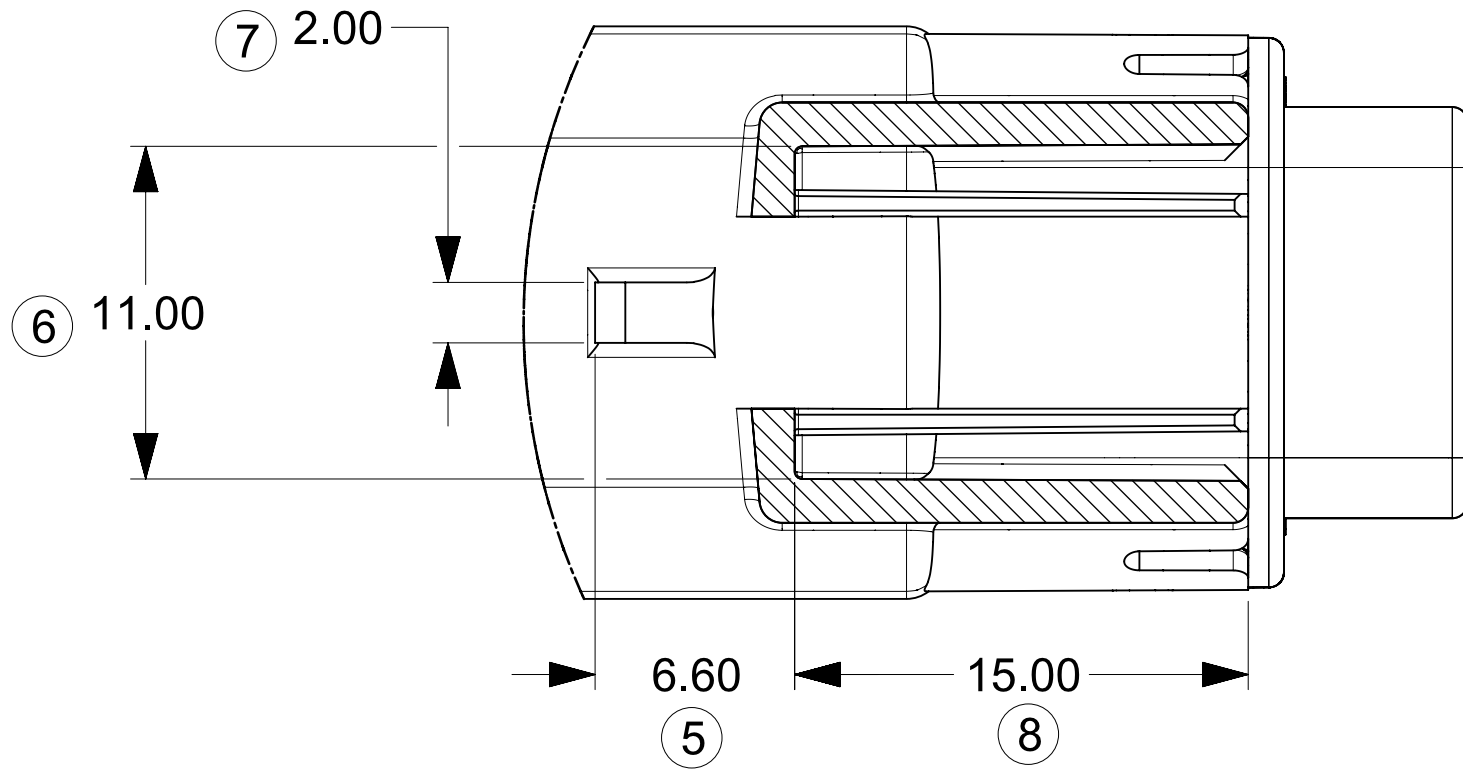
LASER MARKING THIS SURFACE
SEE NOTE 3g.



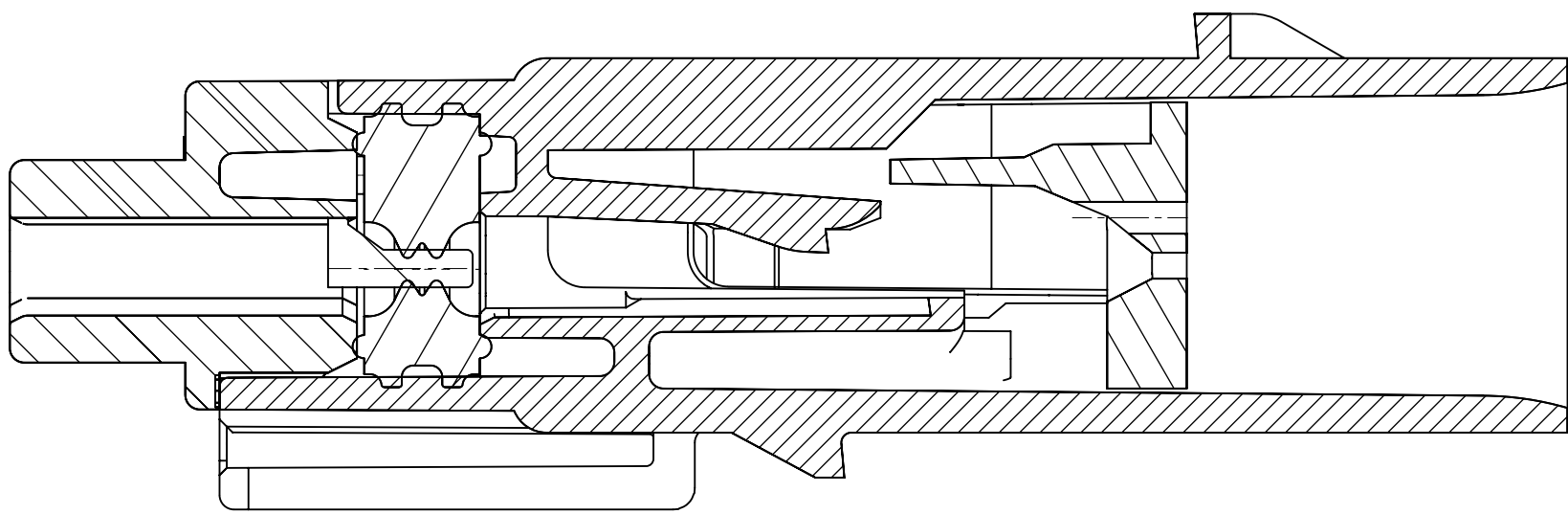
Left1



Bottom1

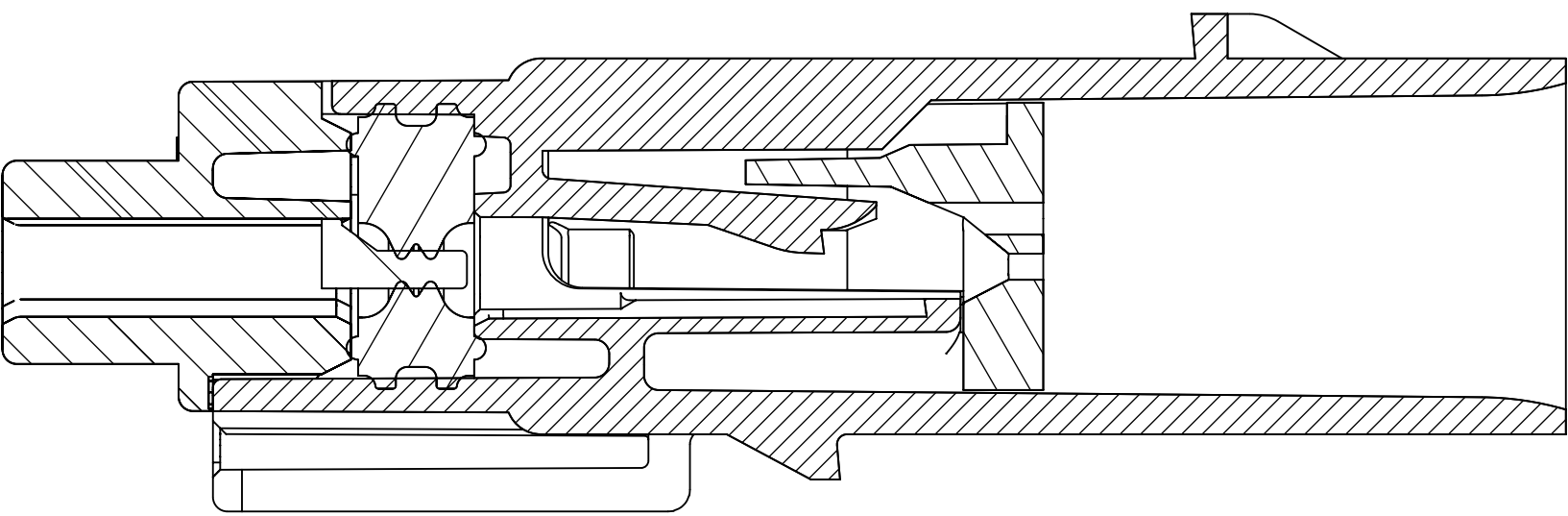


SECTION C-C



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

SECTION Z-Z

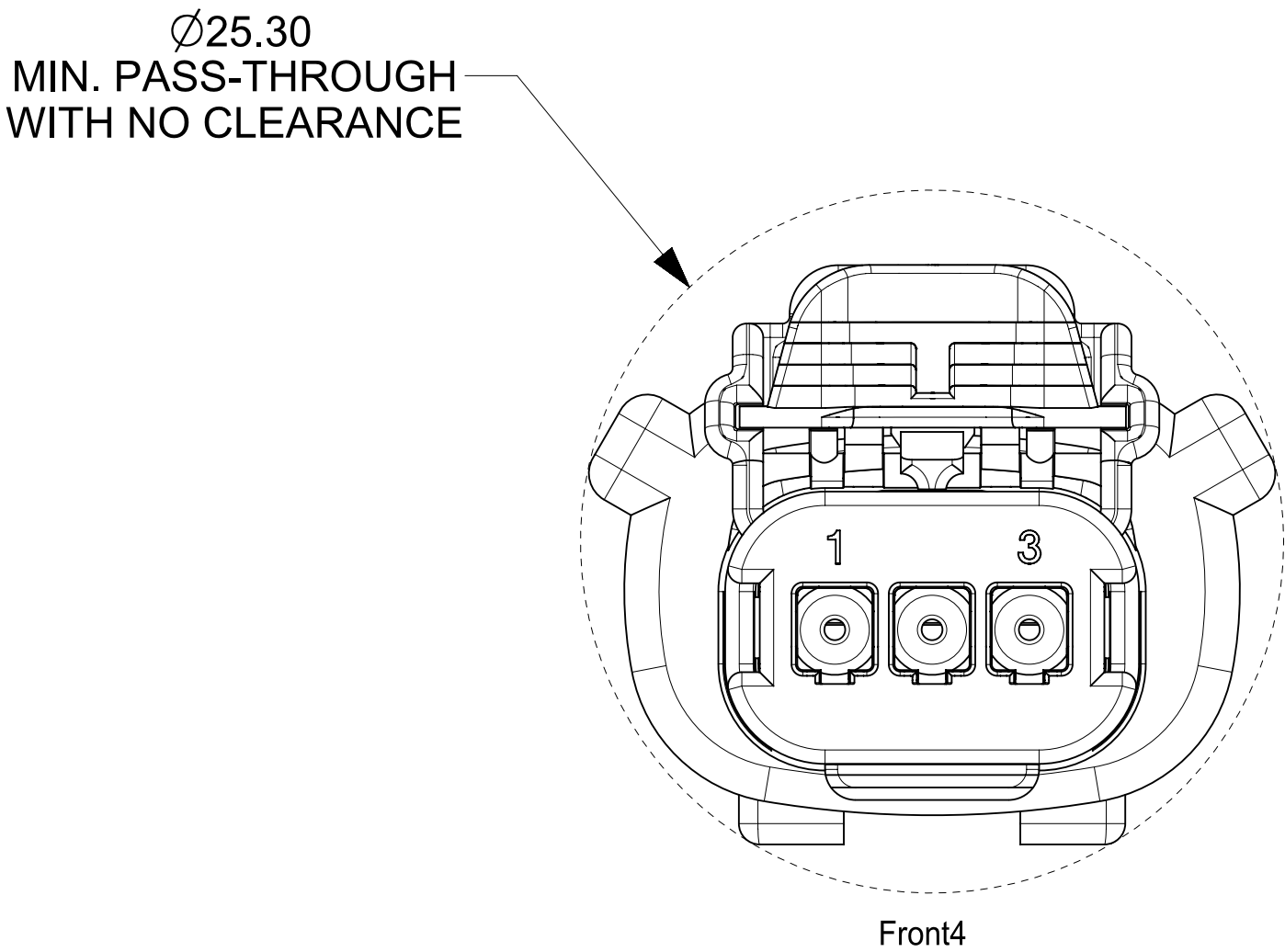
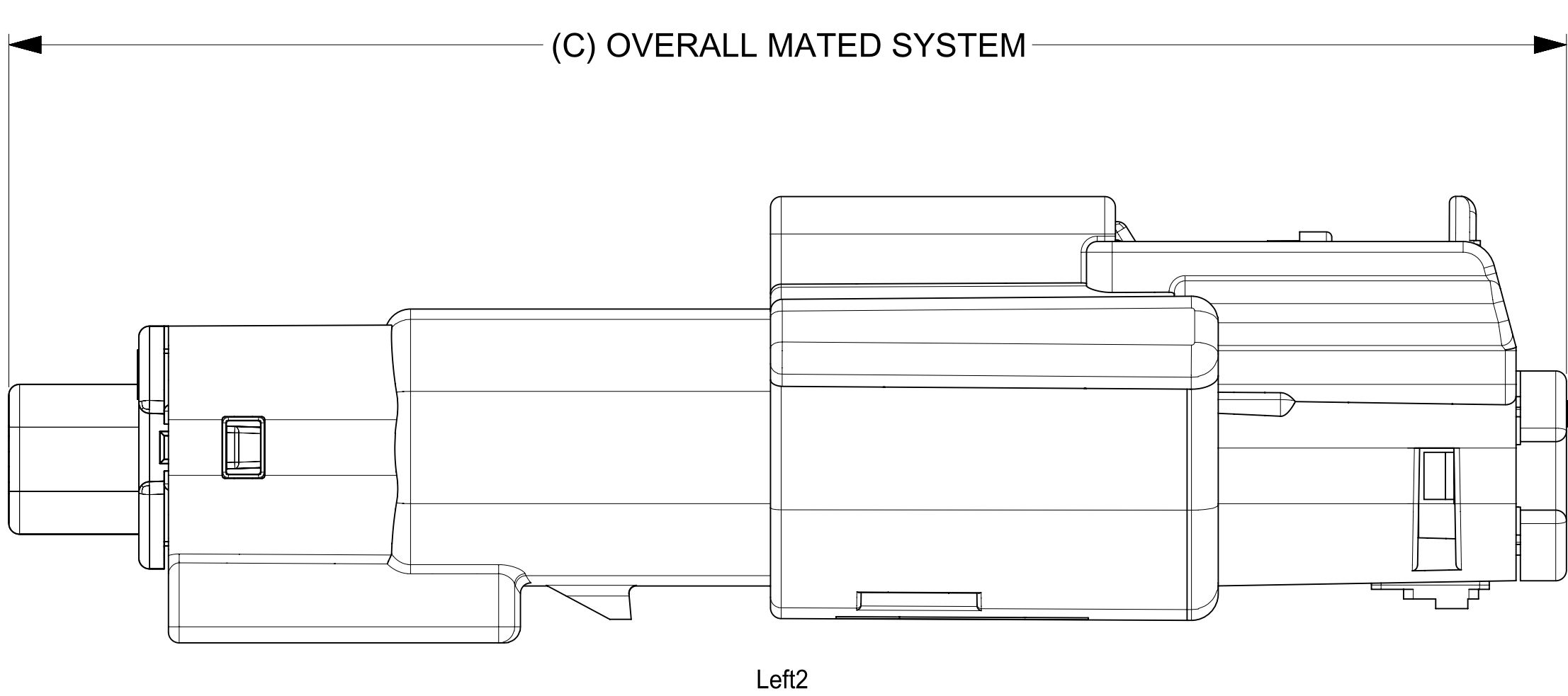


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y

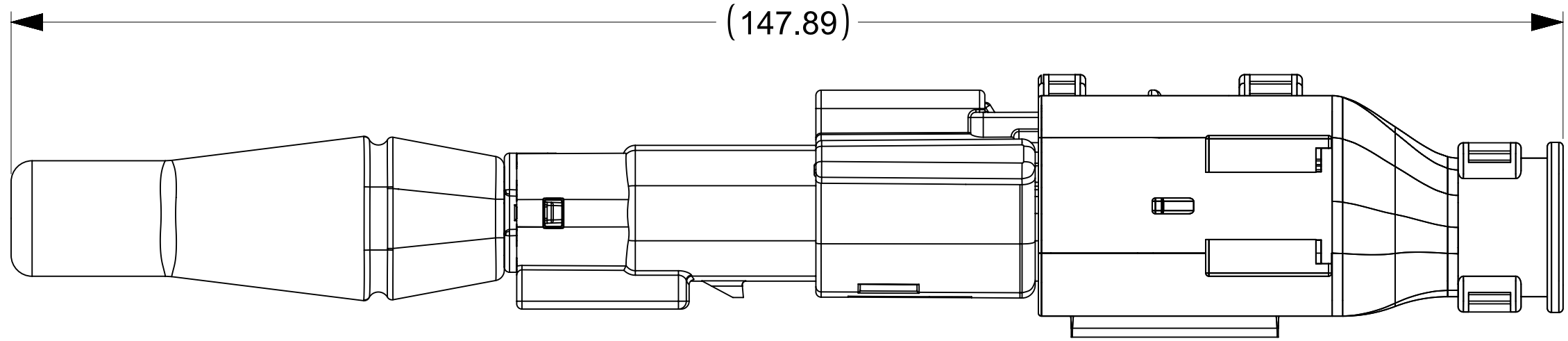
CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	57.85

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
F A = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED 334813326 PART NUMBER					molex						
	MM		4:1													
	F C = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)													
F P = 0		ANGULAR TOL ± 3°														
4 PLACES		±														
DIVISIONAL SYMBOLS	3 PLACES		±		STATUS: Production DRWN: Shekar S B CHK'D: Tom Smith APPR: Andy Proffitt					MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL						
	2 PLACES		± 0.100													
	1 PLACE		± 0.30													
	0 PLACES		±													
				2025-10-07					DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION
				2025-10-28					SD-33481-031					PSD	001	R8
				2025-10-28												



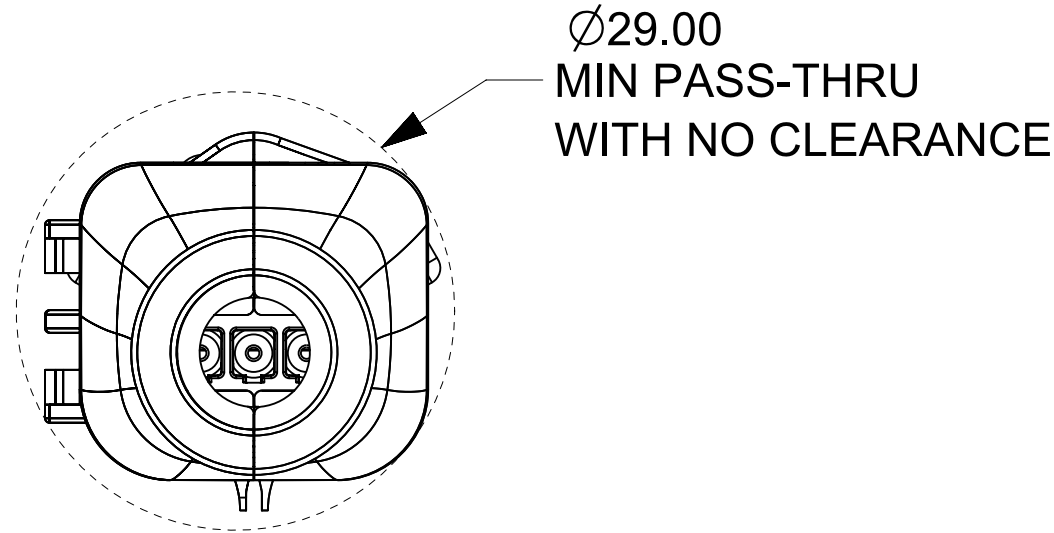
CHARTED DIMENSIONS	
CONFIGURATION	A
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	53.85
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	57.85

FUNCTIONAL SYMBOLS F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			mo lex				
	DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED 334813326 PART NUMBER					
	MM	4:1						
	GENERAL TOLERANCES (UNLESS SPECIFIED)							
	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	STATUS: Production DRWN: Shekar S B CHK'D: Tom Smith APPR: Andy Proffitt	2025-10-07 2025-10-28 2025-10-28	2025-10-07 2025-10-28 2025-10-28				
		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
		D-SIZE	33481	SD-33481-031		PSD	001	R8
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						GENERAL MARKET		4 OF 7

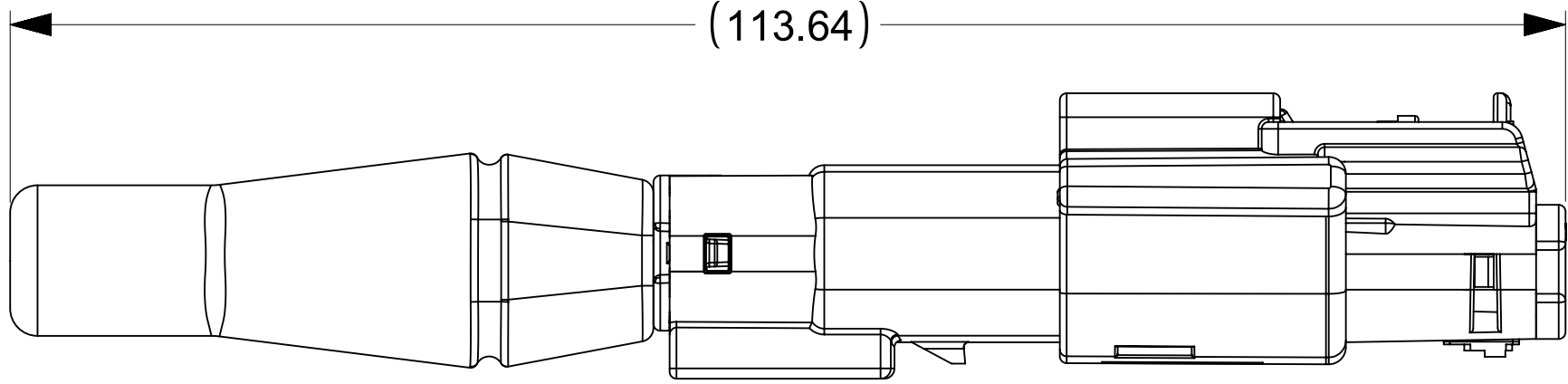


Front11

OVERALL MATED SYSTEM WITH BLADE RUBBER BOOT AND RECEPTACLE BACKSHELL

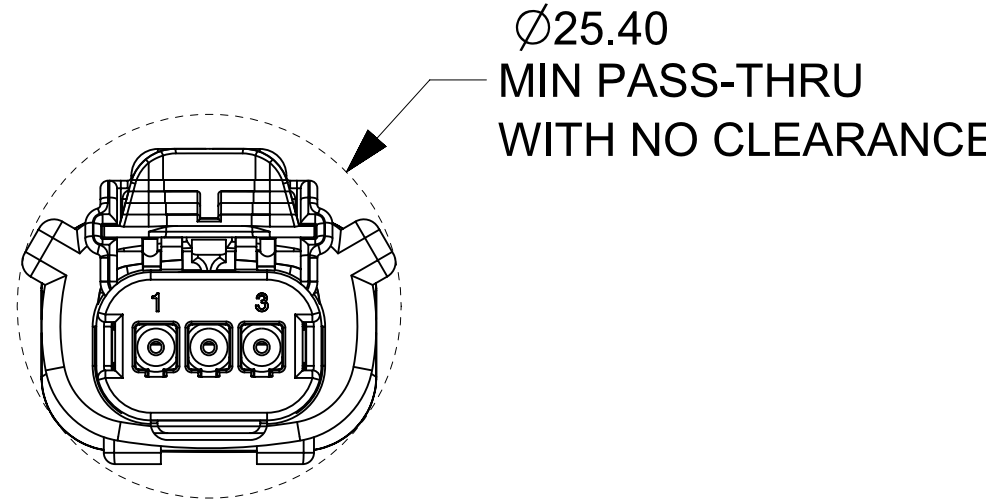


Right2

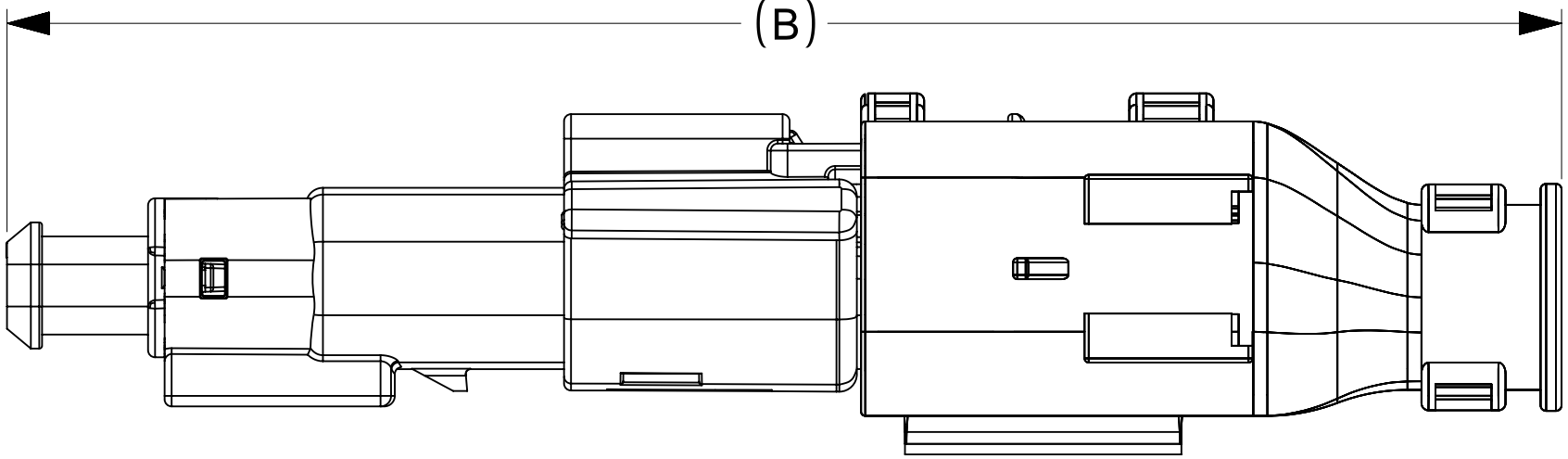


Front12

OVERALL MATED SYSTEM WITH BLADE RUBBER BOOT



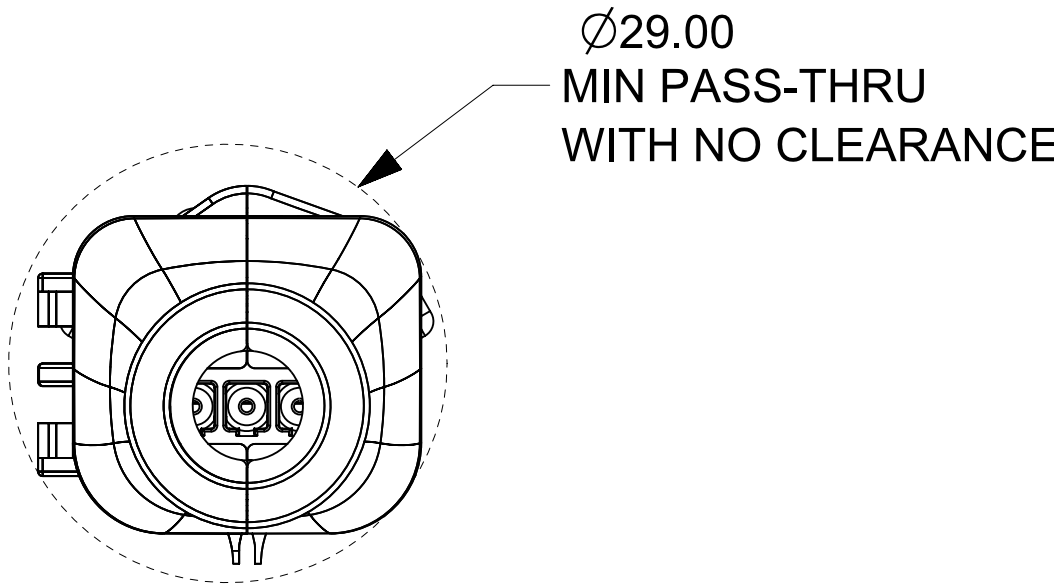
Right6



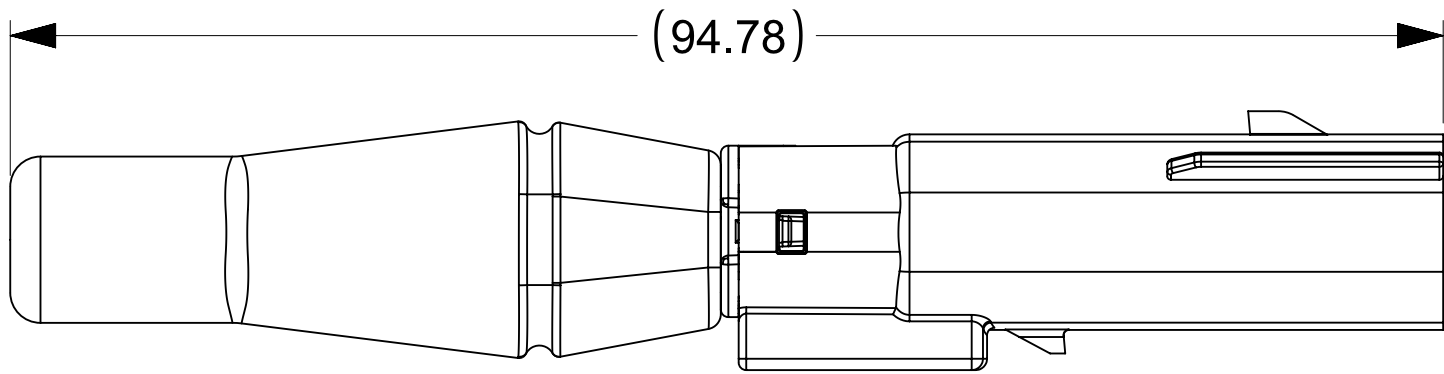
Front13

OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL

CHARTED DIMENSIONS	
CONFIGURATION	B
MX150 1X3 BLADE SEALED ASSEMBLY - STANDARD	106.96
MX150 1X3 BLADE SEALED ASSEMBLY - RIBBER BOOT CONFIGURATION	110.96

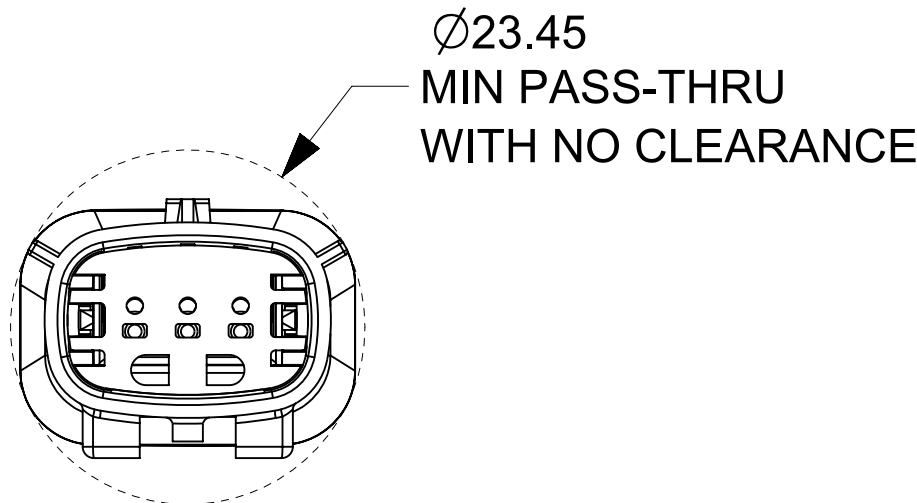


Right7



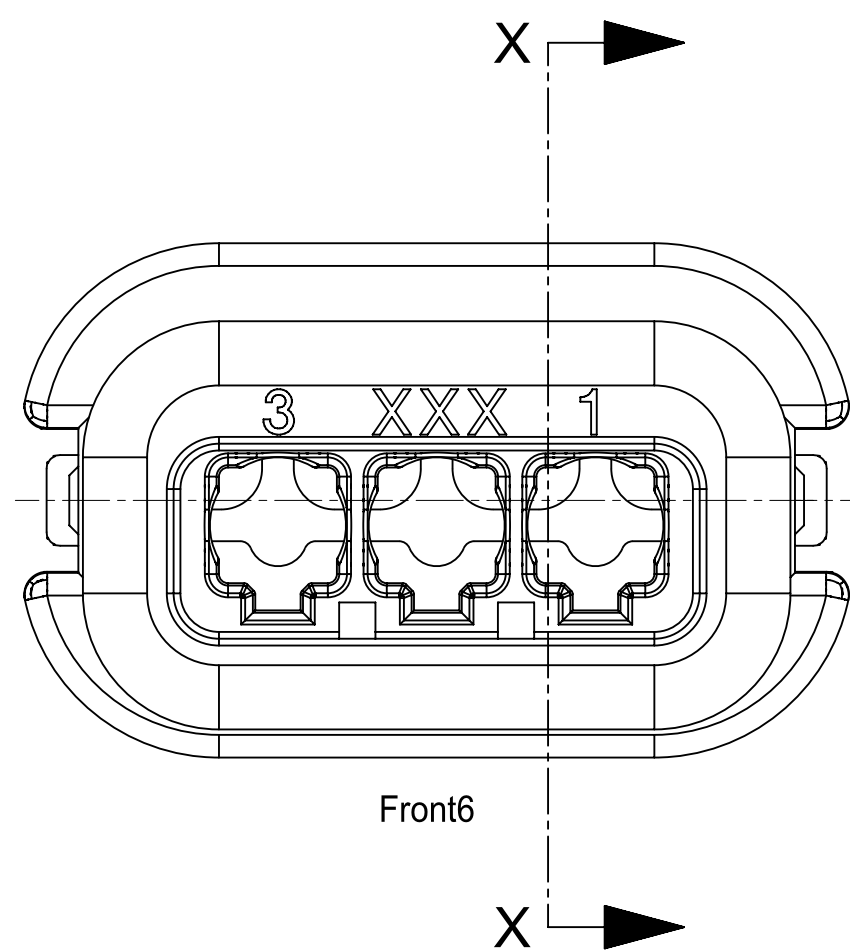
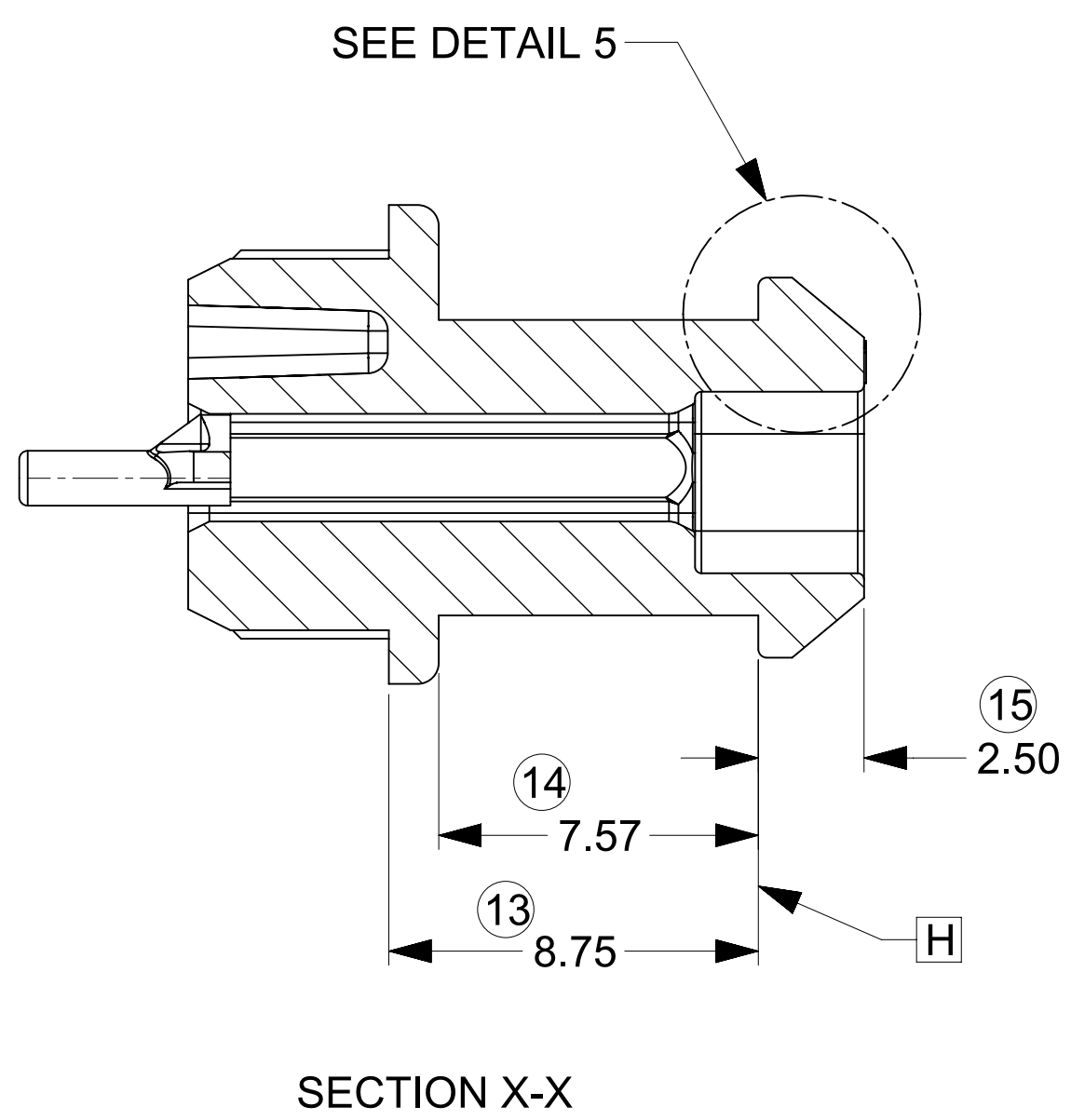
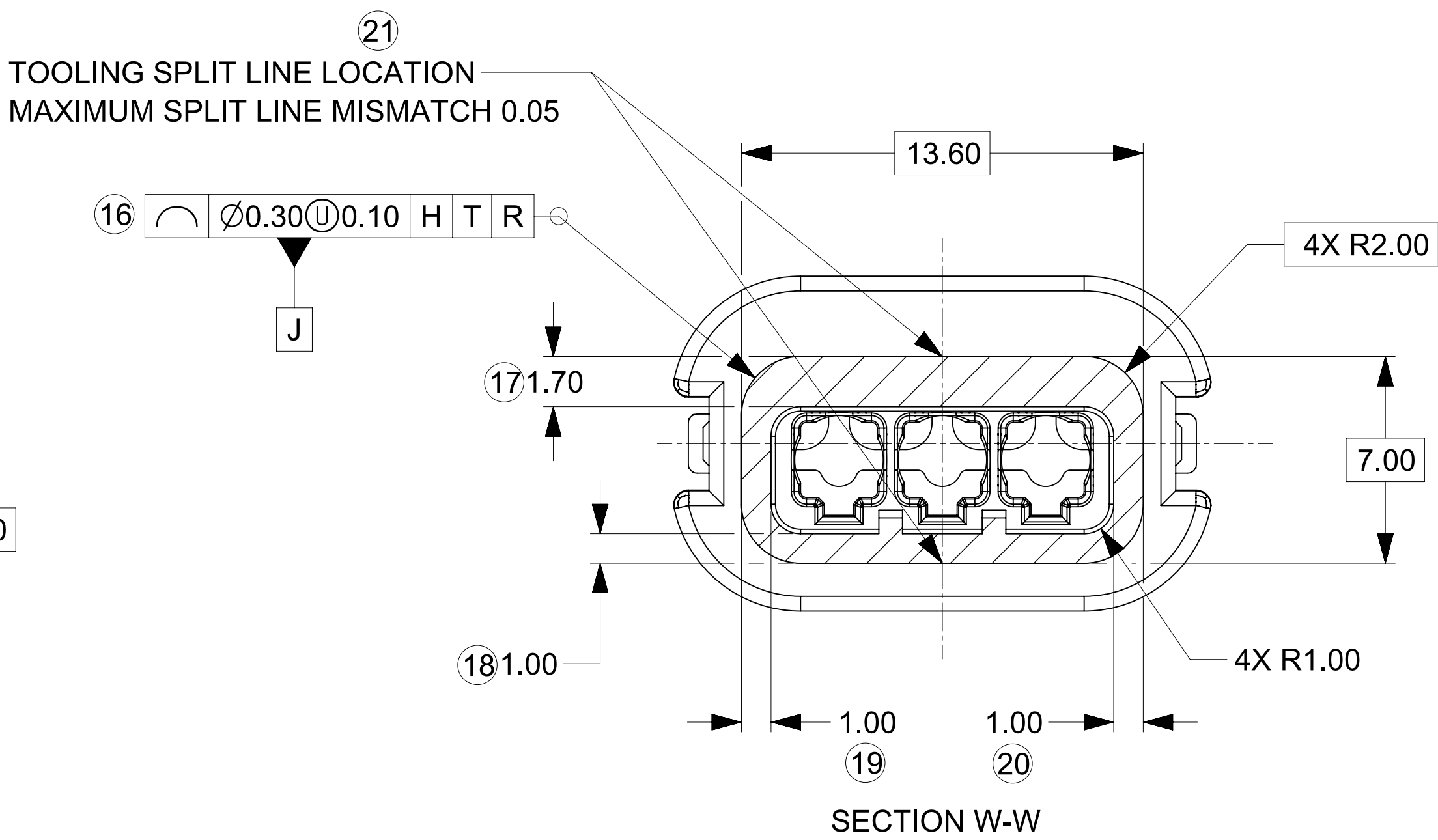
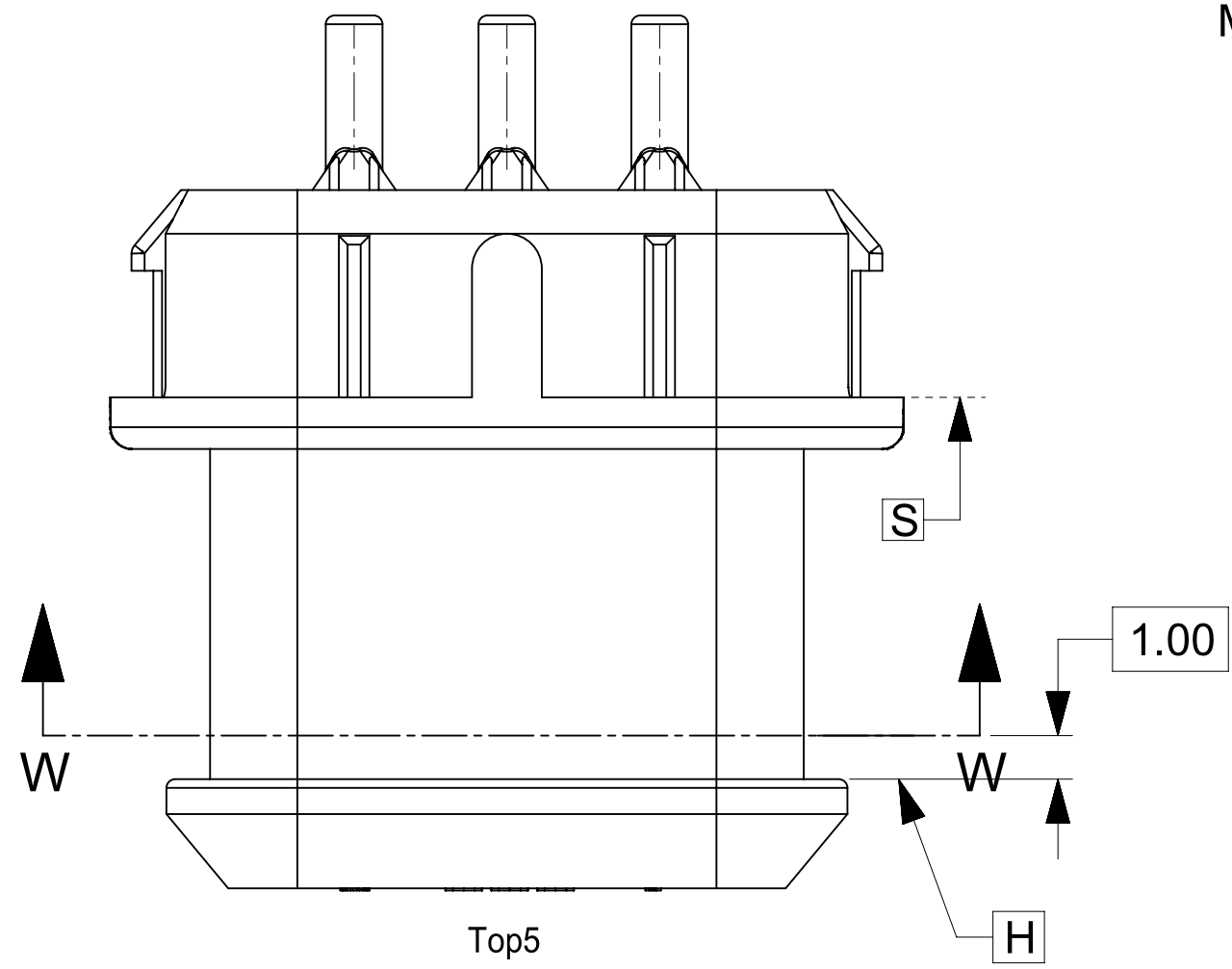
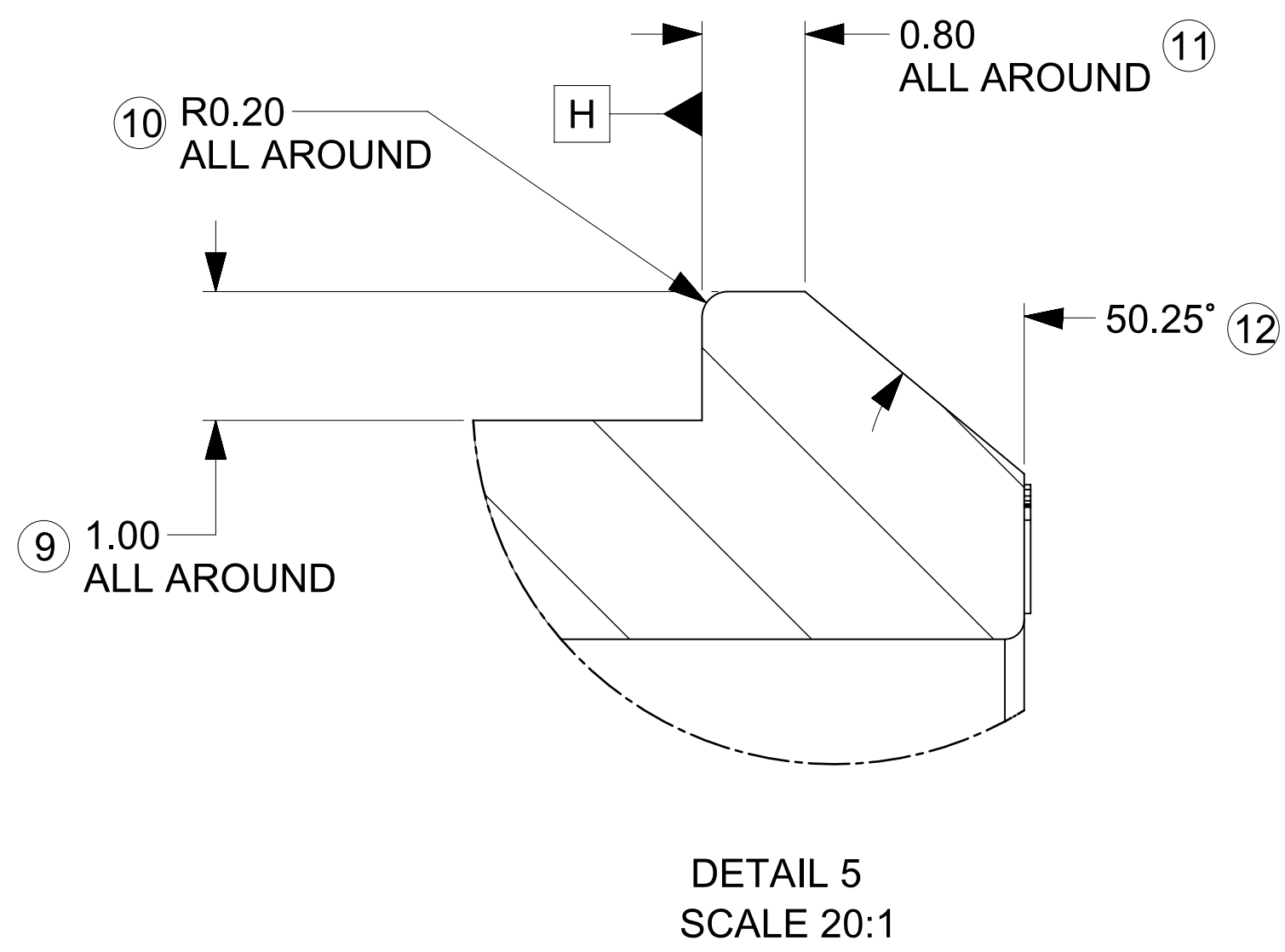
Front14

BLADE SEALED ASSEMBLY WITH BLADE RUBBER BOOT



Right8

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED 334813326 PART NUMBER			molex MX150 1X3 BLADE SEALED ASSEMBLY MAT SEAL						
	MM		2:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL ± 3°													
DIVISIONAL SYMBOLS	4 PLACES		±		STATUS: Production DRWN: Shekar S B 2025-10-07 CHK'D: Tom Smith 2025-10-28 APPR: Andy Proffitt 2025-10-28			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-33481-031 DOC TYPE PSD DOC PART 001 REVISION R8						
	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		5 OF 7	



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE	CURRENT REV DESC: ADDED 334813326 PART NUMBER				molex			
F = 0	MM	2:1									
F = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)										
F = 0	ANGULAR TOL ± 3°										
DIVISIONAL SYMBOLS	4 PLACES	±									
	3 PLACES	±									
	2 PLACES	± 0.100									
	1 PLACE	± 0.30									
	0 PLACES	±									
STATUS: Production				2025-10-07		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
DRWN: Shekar S B				2025-10-28		SD-33481-031		PSD	001	R8	
CHK'D: Tom Smith				2025-10-28							
APPR: Andy Proffitt				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					D-SIZE	33481			GENERAL MARKET		7 OF 7