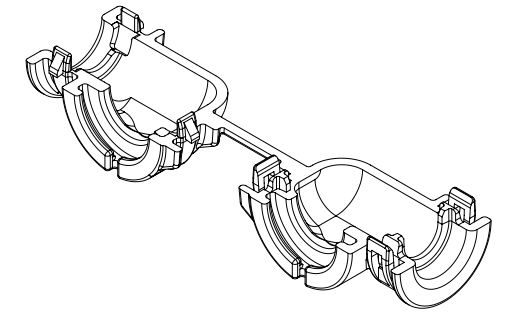


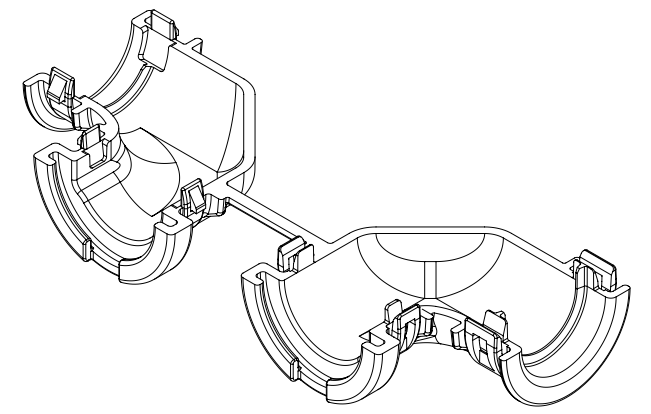
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	ADAPTOR DETAIL

勝特力電材超市-龍山店 886-3-5773766  
 勝特力電材超市-光復店 886-3-5729570  
 勝特力電子(上海) 86-21-34970699  
 勝特力電子(深圳) 86-755-83298787  
<http://www.100y.com.tw>

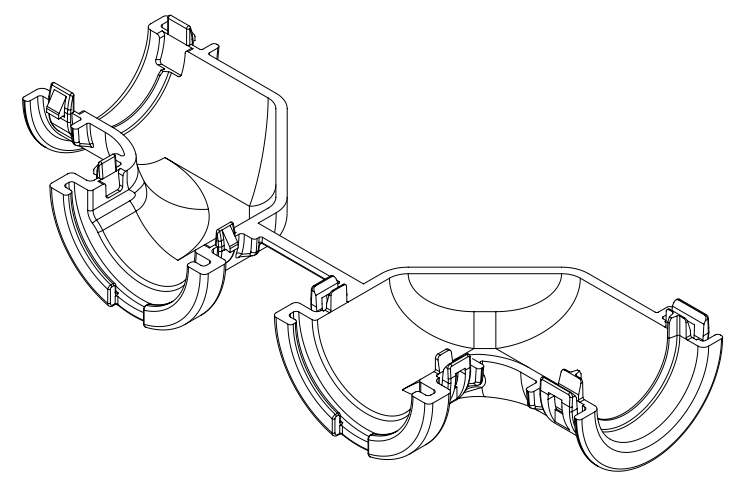
BILL OF MATERIALS (BOM)							
DESCRIPTION	PART NUMBER	CIRCUIT SIZE	COLOR	RIBS	MATING DRAWING	CONVOLUTE SIZE	STATUS
1X3 C.S., WITH RIB	204351-0304	1X3 C.S.	BLACK	YES	2043510301 PSD	AD 10 SOFANO VARIANT 1	SALEABLE
2X4, WITH RIB	34951-0831	2X4	BLACK	YES	SD-34951-0001 SD-34950-0001	NW 12 SCHLEMMER	SALEABLE
2X4, WITHOUT RIB	34951-0841	2X4	BLACK	NO	SD-34951-0001 SD-34950-0001	NW 12 SCHLEMMER	SALEABLE
2X8/2X10, WITH RIB	34951-1631	2X8/2X10	BLACK	YES	SD-34951-0001 SD-34950-0001	NW 16 SCHLEMMER	SALEABLE
2X8/2X10, WITHOUT RIB	34951-1641	2X8/2X10	BLACK	NO	SD-34951-0001 SD-34950-0001	NW 16 SCHLEMMER	SALEABLE



1X3 C.S.



2X4



2X8/2X10

ADAPTOR NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
  - a. APPLICATION SPECIFICATION SEE: 1600730001-AS REV C
    - DESIGNED TO MATE WITH BACKSHELL AS SPECIFIED IN THE BOM
    - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY. SEE GM DRAWING 13109960 REV 006 FOR CONDUIT SPECIFICATIONS
  - b. PRODUCT SPECIFICATION: TBD
  - c. PACKAGING SPECIFICATION SEE: TBD
  - 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)
  - f. FOLLOWING PRODUCTION CODES TO BE PRESENT
    - DATE CODE
    - MOLD CAVITY CODE
    - MOLEX LOGO
    - RECYCLE CODE
2. DESIGN - MATERIALS:
  - a. PA66 0% GLASS FILLED
  - b. BLACK
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 - 2009.
  - c. CORNERS SHOWN AS SHARP TO BE R 0.1.
  - d. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B).
  - e. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS C) FOR SPECIFIED AREAS ON THE ADAPTOR.
  - f. ALLOWABLE FLASH, PARTING LINES MISMATCH, EJECTOR PINS MARK, AND GATE VESTIGE TO BE +0.30 MAX PROTUSION.

A10	CHANGED TOLERANCE ON DIM C FROM 0.12 TO 0.10 TO MATCH PDD
A9	CHANGED PARTS STATUS TO SALEABLE
A8	UPDATED RIB FEATURES AND CONTROLS
A7	UPDATE TOLERANCES FOR MANUFACTURING
A6	UPDATE TOLERANCES FOR MANUFACTURING
A5	UPDATE REV DESCRIPTION TABLE
A4	UPDATE NOTE 1.a FOR CONDUIT DEFINITION
A3	RELEASE P/N 204351-0304 FOR SALEABLE
A2	UPDATED CHARTS AND BALLOON NUMBERS
A1	MODIFIED SETTING IN PLM
A	DRAWING RELEASE
REV	DESCRIPTION

INSPECTION NUMBER LOG	
LAST NUMBER:	53
ADDED:	41,51,43,53,45,48,27,28,14,25,17,19,15,27
REMOVED:	1,2,3,4,5,43,53

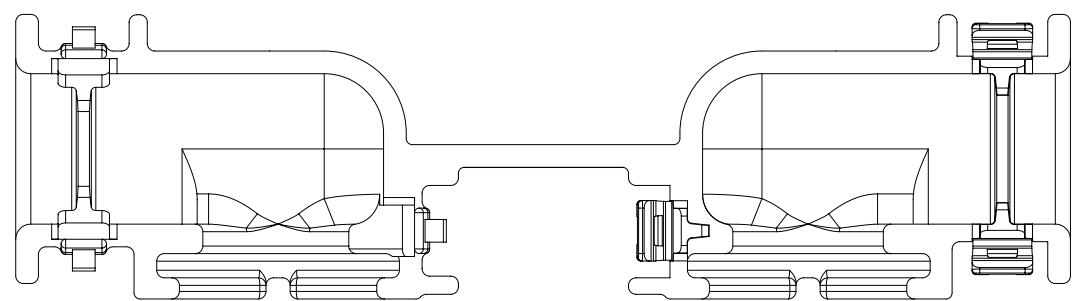
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC NO: 632862 DRWN: PPALLAN CHKD: MVANSLAMBROU APPR: MVANSLAMBROU	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 1:1 ANGULAR TOL ± °	DRWN BY: DDEB DATE: 2017/12/08 CHK'D BY: DATE:	<p>MX150 90° ADAPTOR</p>	
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ±	APPR BY: MVANSLAMBROU DATE: 2017/12/20		PRODUCT CUSTOMER DRAWING SERIES: 34951 MATERIAL NUMBER: 349510001 CUSTOMER:
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE: A2 THIRD ANGLE PROJECTION		DOCUMENT NUMBER: 349510001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF 4
	A10			

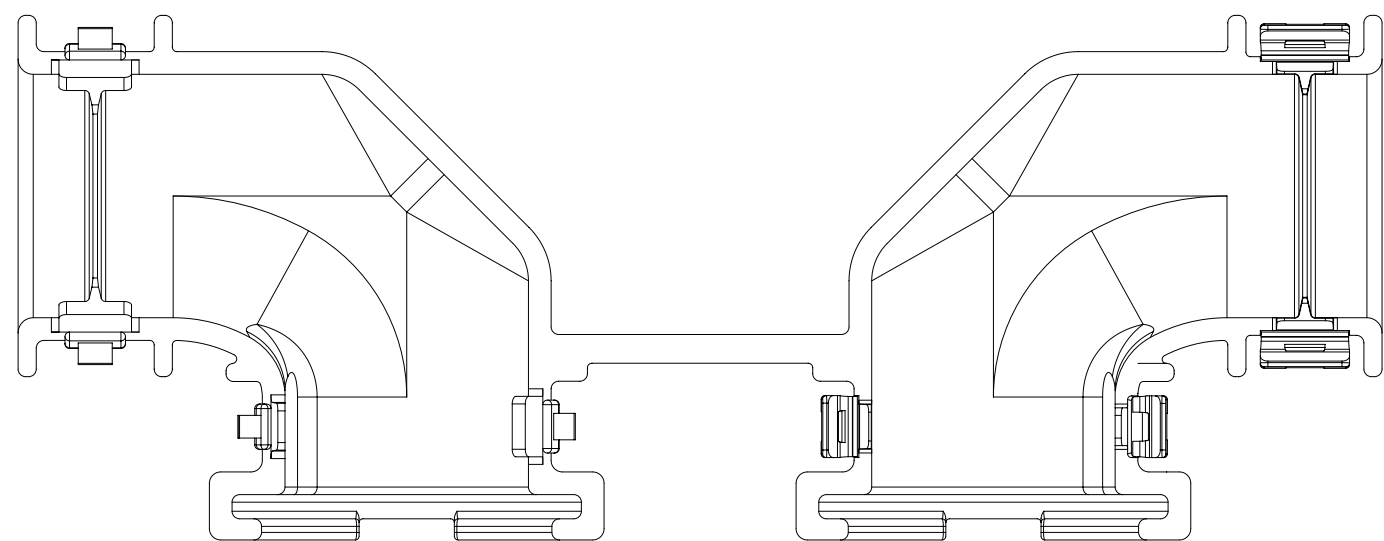
**SHEET DESCRIPTION**  
CONFIGURATIONS

WITH RIB

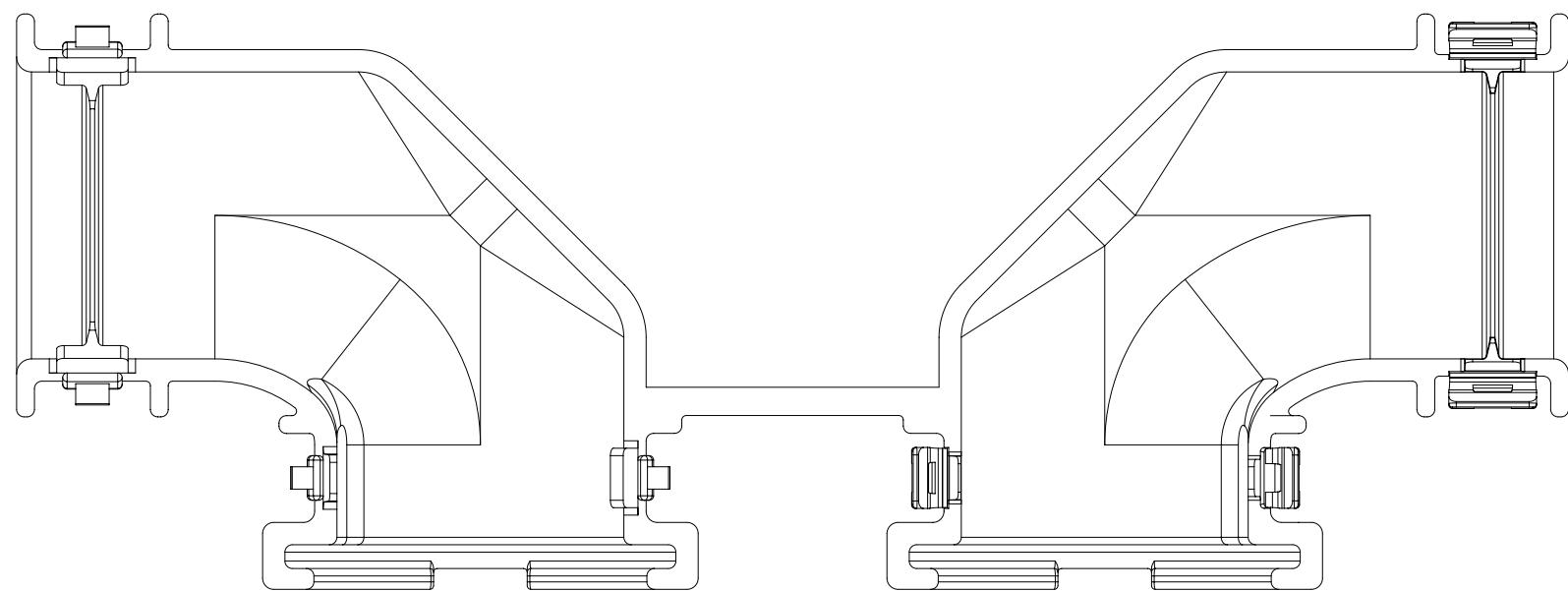
WITHOUT RIB



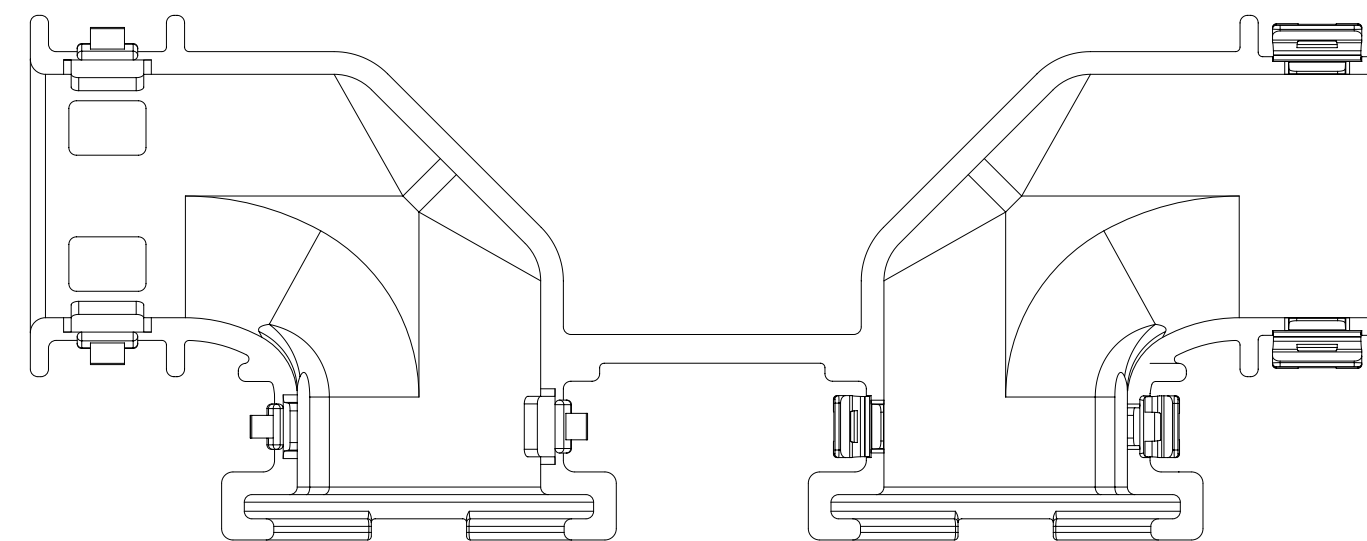
1X3 C.S.



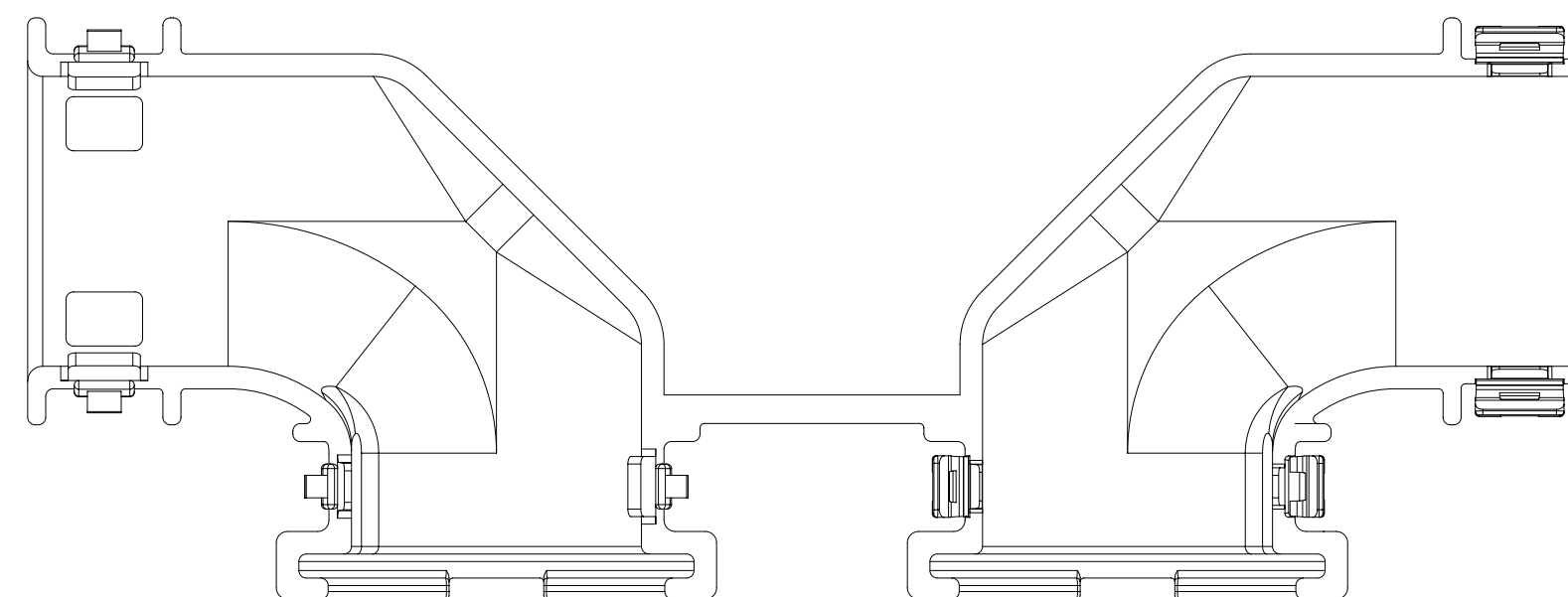
2X4



2X8 / 2X10



2X4



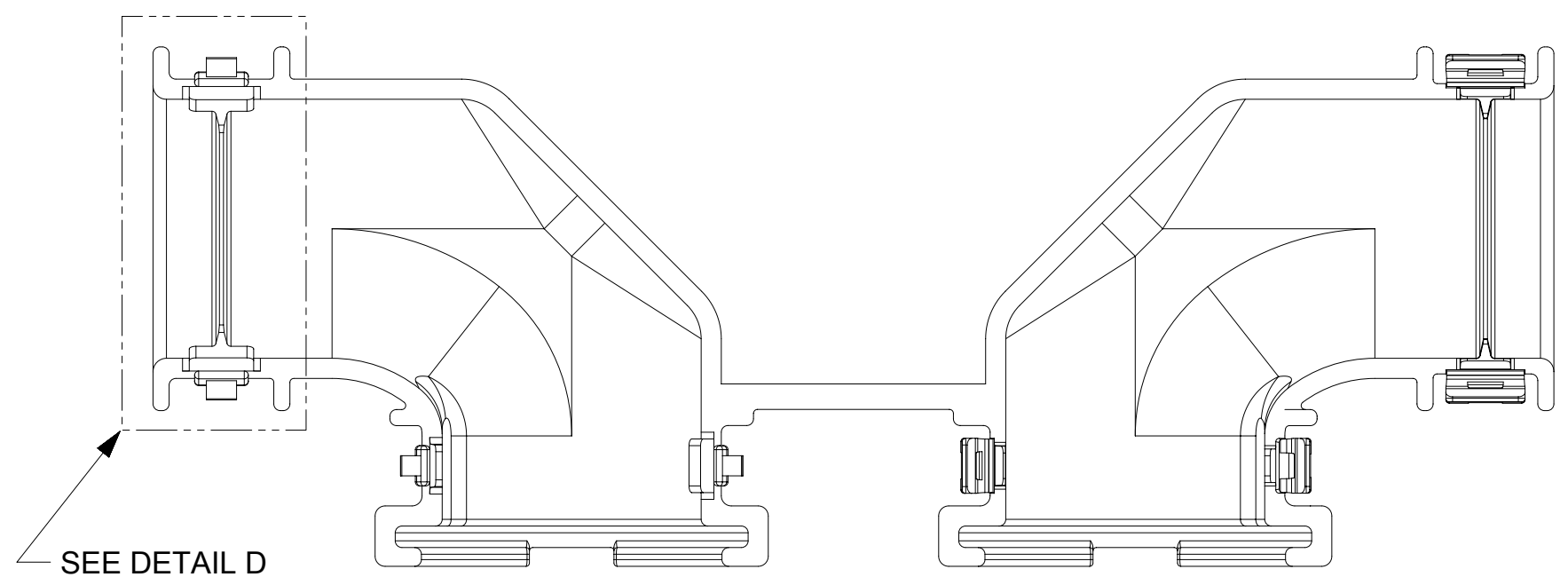
2X8 / 2X10

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

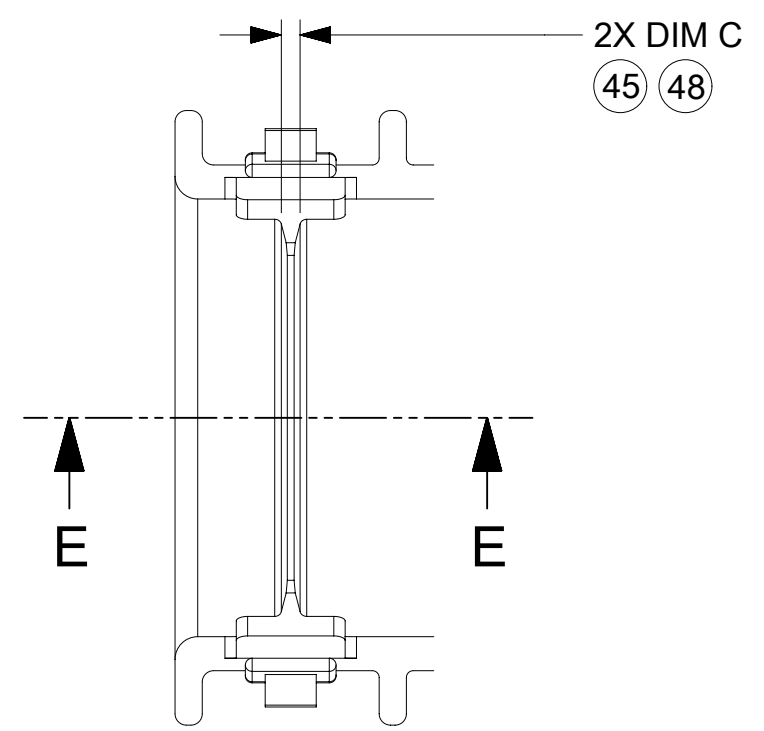
EC NO: 632862 DRWN: PPALLAN CHKD: MVANSLAMBROU APPR: MVANSLAMBROU	2020/02/25 2020/02/26 2020/02/26	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 2:1	<b>molex</b> <sup>®</sup>		
	ANGULAR TOL ± °	DRWN BY: DDEB DATE: 2017/12/08	MX150 90° ADAPTOR		
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ±	CHK'D BY: DATE APPR BY: MVANSLAMBROU DATE: 2017/12/20	PRODUCT CUSTOMER DRAWING		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE: A2 THIRD ANGLE PROJECTION	SERIES: 34951 MATERIAL NUMBER: 349510001 CUSTOMER:	DOC TYPE: PSD DOC PART: 000	SHEET NUMBER: 2 OF 4

**SHEET DESCRIPTION**  
DUAL ROW ADAPTOR DETAIL

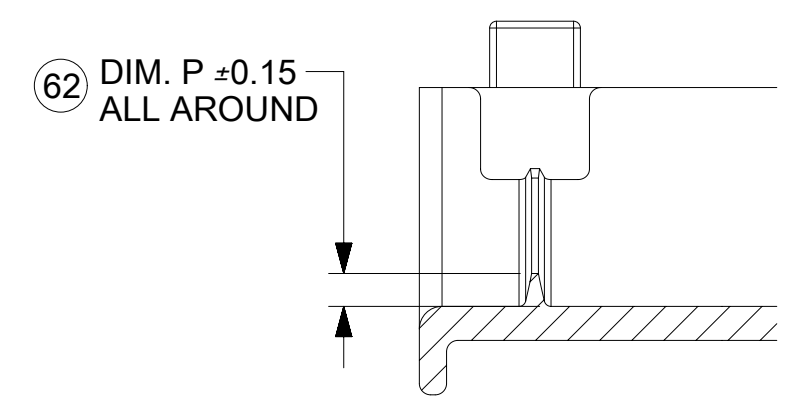
DESCRIPTION	DIMENSIONS				
	P	R	C	D	E
2X4 WITH RIB	1.35	16.10	0.80	N/A	N/A
2X4 W/O RIB	N/A	16.10	N/A	3.60	5.10
2X8/2X10 WITH RIB	1.45	19.30	0.80	N/A	N/A
2X8/2X10 W/O RIB	N/A	19.30	N/A	3.60	5.10



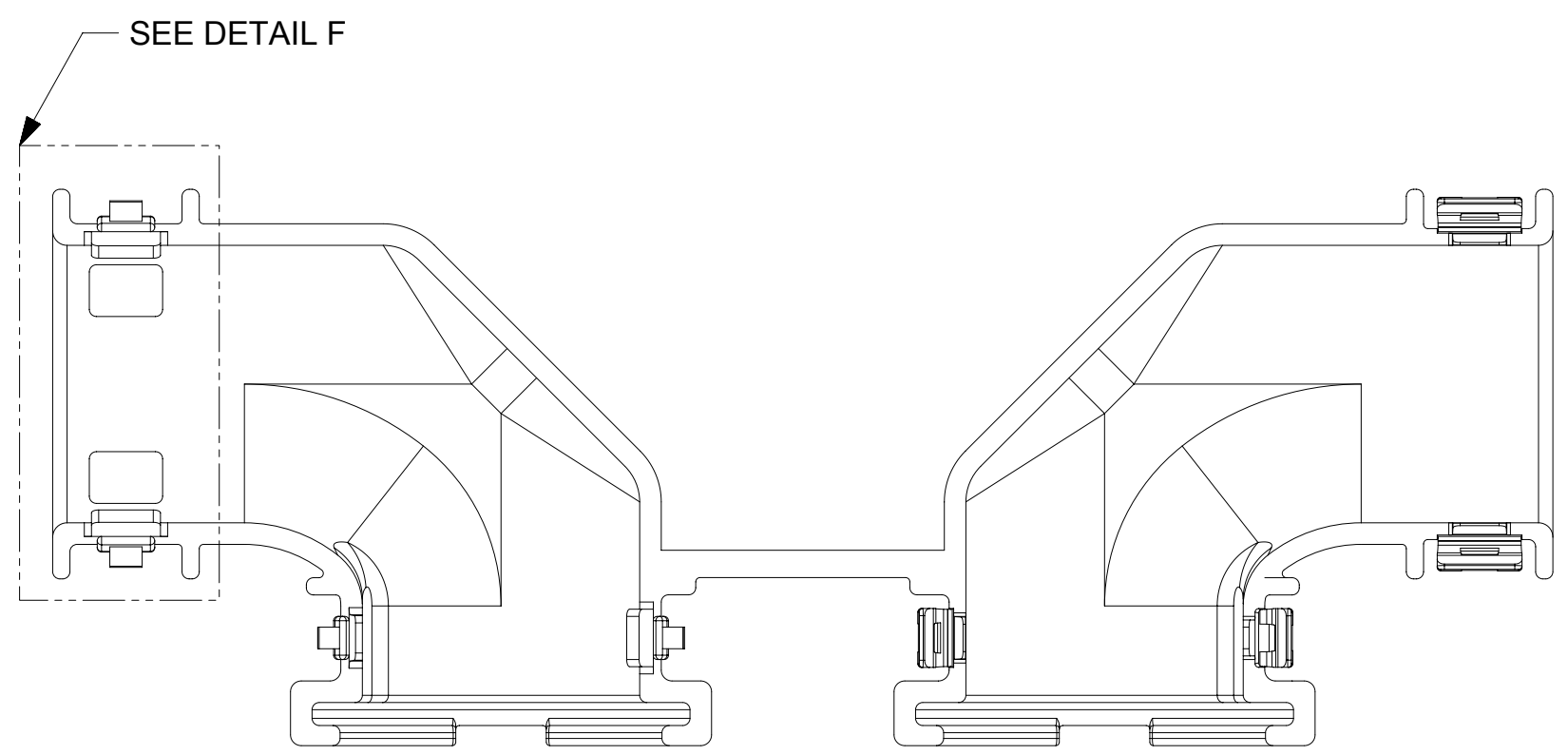
WITH RIB



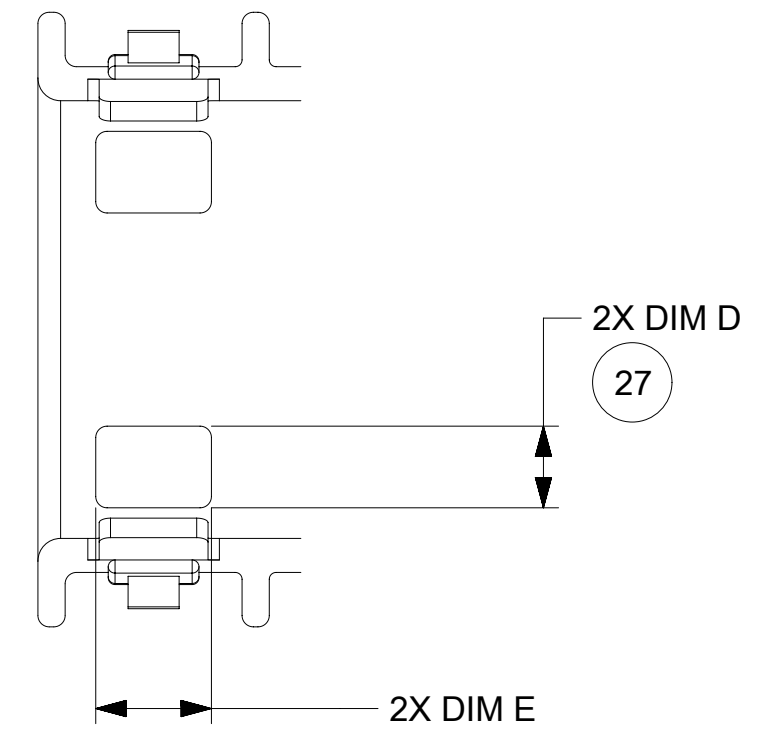
DETAIL D  
SCALE 3:1



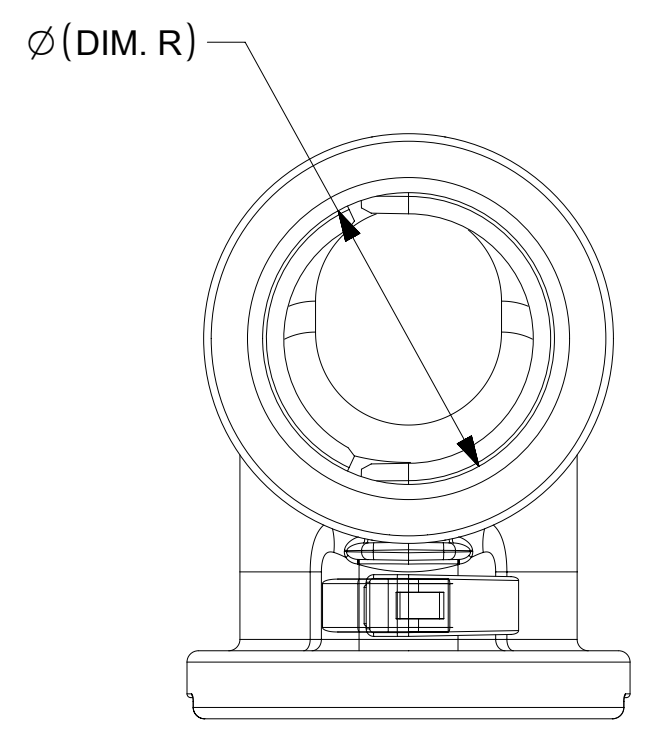
SECTION E-E



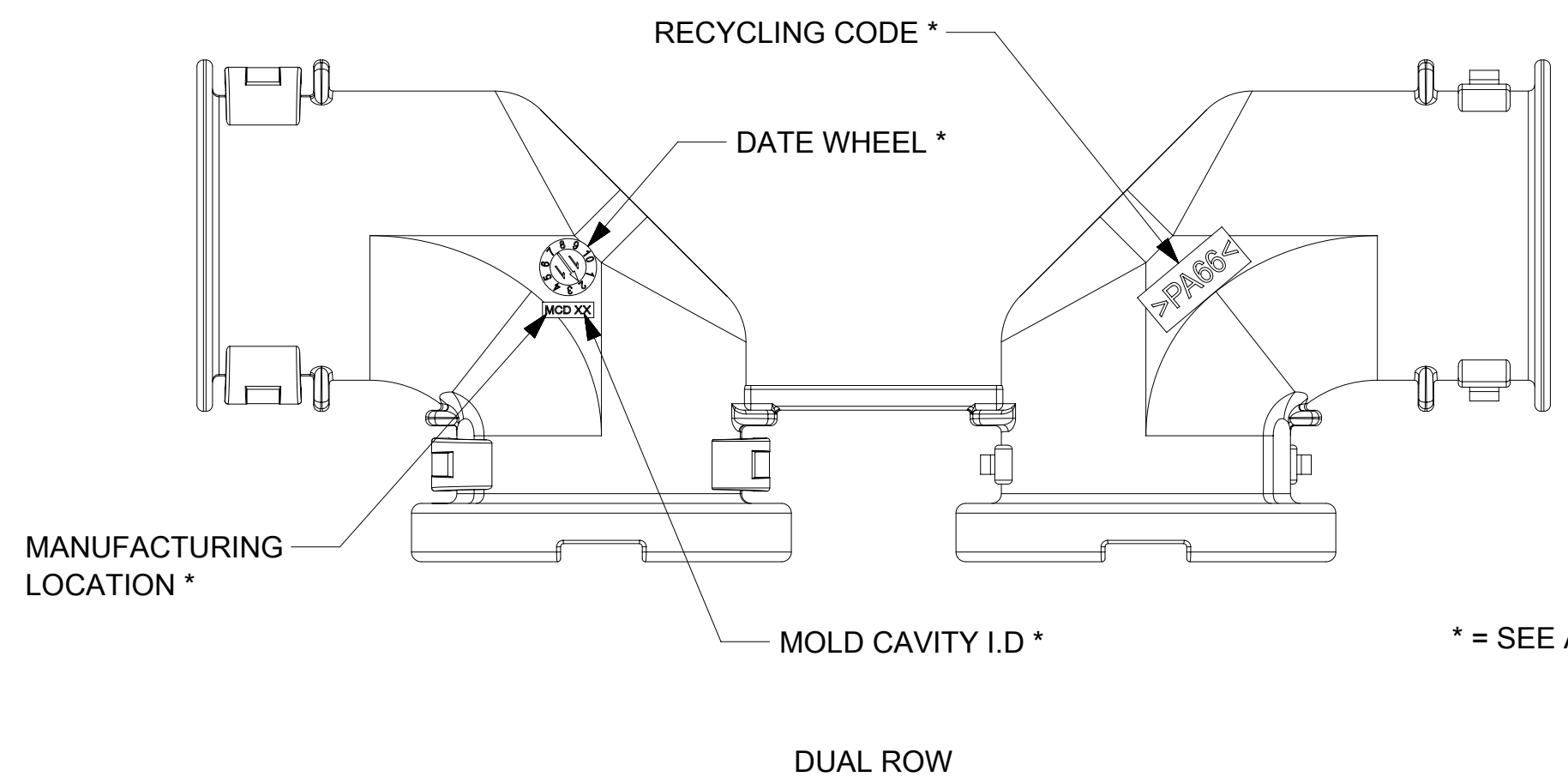
WITHOUT RIB



DETAIL F  
SCALE 3:1



FOR WITH RIB AND WITHOUT RIB



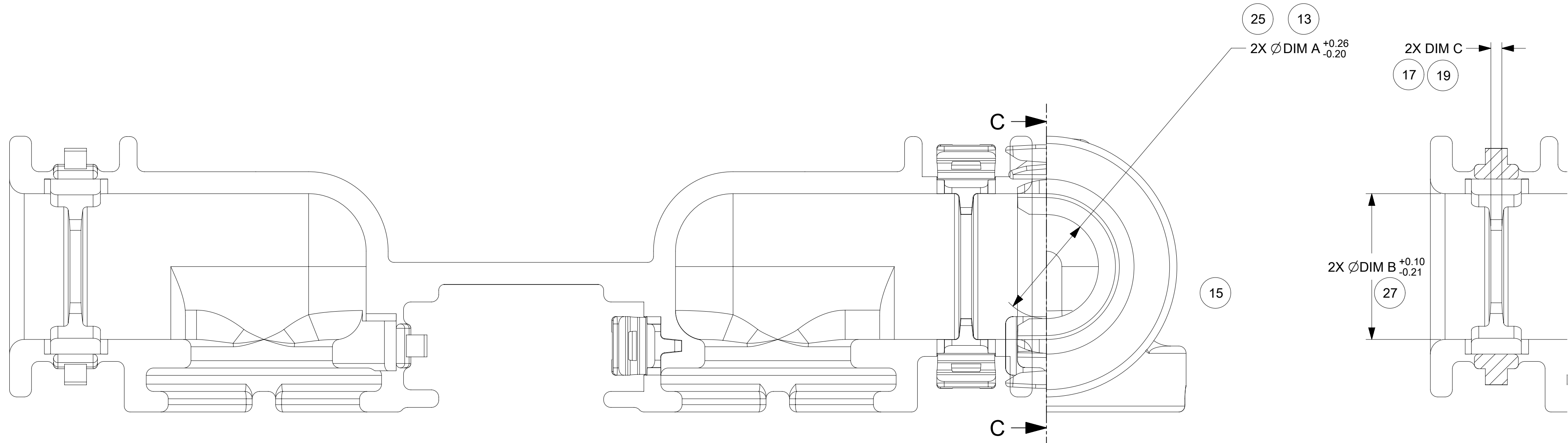
DUAL ROW

\* = SEE ADAPTOR NOTES - 3.e.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
EC NO: 632862 DRWN: PPALLAN CHKD: MVANSLAMBROU APPR: MVANSLAMBROU	2020/02/25	2020/02/26	2020/02/26	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	<b>molex</b> MX150 90° ADAPTOR		
				(UNLESS SPECIFIED)	mm	2:1			
	ANGULAR TOL ±				DRWN BY	DATE	PRODUCT CUSTOMER DRAWING		
	4 PLACES	±			DDEB	2017/12/08			
	3 PLACES	±			CHK'D BY	DATE	SERIES: 34951 MATERIAL NUMBER: 349510001 CUSTOMER: PSD		
2 PLACES	± 0.1			APPR BY	DATE				
1 PLACE	± 0.2			MVANSLAMBROU	2017/12/20	DOCUMENT NUMBER: 349510001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 3 OF 4			
0 PLACES	±			DRAWING SIZE: A2 THIRD ANGLE PROJECTION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

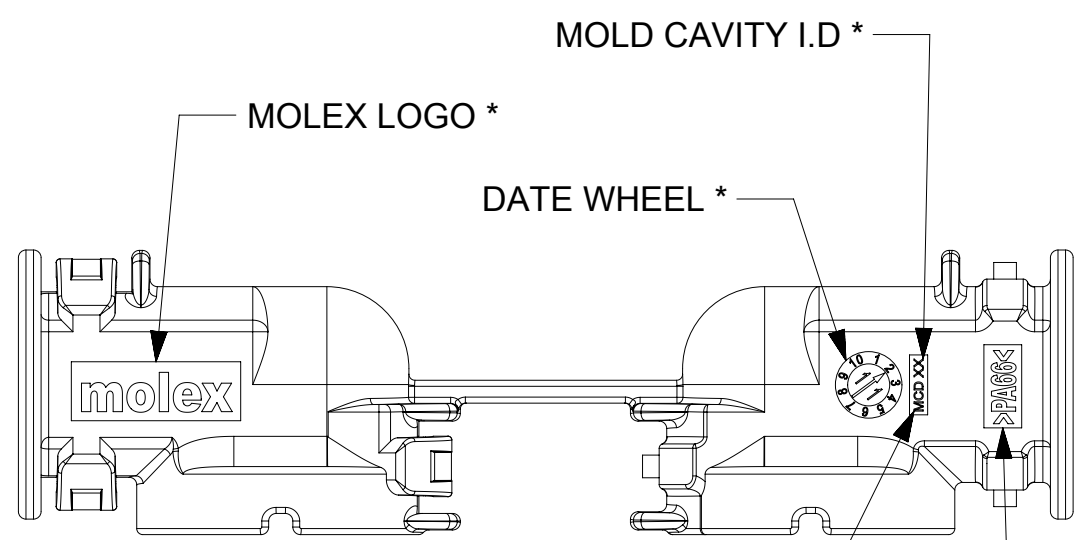
**SHEET DESCRIPTION**  
SINGLE ROW ADAPTOR DETAIL

CHARTED DIMENSION			
DESCRIPTION	DIMENSIONS		
	A	B	C
1X3 C.S. WITH RIB	7.1	9.95	0.75



1X3 C.S.

PARTIAL SECTION C-C



1X3 C.S.

\* = SEE ADAPTOR NOTES - 3.e.

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

DIMENSION UNITS	SCALE	Material:	<b>molex</b>
mm	5:1	Heat treat:	
GENERAL TOLERANCES (UNLESS SPECIFIED)	Finish:	CURRENT REV DESC:	MX150 90° ADAPTOR
ANGULAR TOL ± °			
4 PLACES ±			PRODUCT CUSTOMER DRAWING
3 PLACES ±			
2 PLACES ± 0.1			DOCUMENT NUMBER
1 PLACE ± 0.2			
0 PLACES ±			349510001
TOOL NUMBER	THIRD ANGLE PROJECTION	DRAWING	SERIES
		A2-SIZE	34951
		CUSTOMER	SHEET NUMBER
			4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/26	00:51:12
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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-33472-000  
-UL V0 CONFIGURATION: TBD  
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.

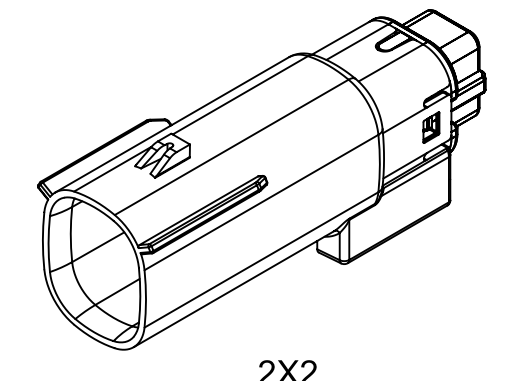
c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-903  
d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300  
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:  
a. FOR BILL OF MATERIALS: SEE BOM CHART

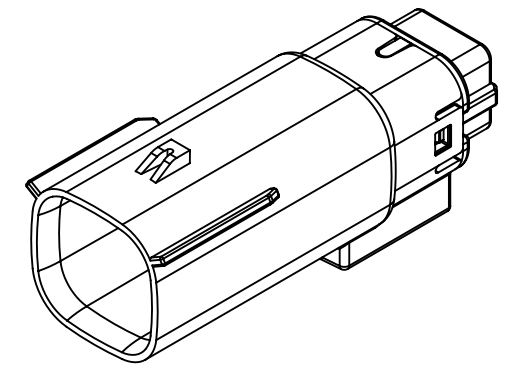
3. DESIGN - GEOMETRY:  
a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.  
b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009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

BILL OF MATERIALS (BOM)	
DESCRIPTION	DRAWING NO.
UL V0 VERSION	SD-160084-0002
STANDARD 2X2	334820402
STANDARD 2X3	334820602
STANDARD 2X4	334820802
STANDARD 2X6	334821202
STANDARD 2X8	334821602
STANDARD 2X10	334822002

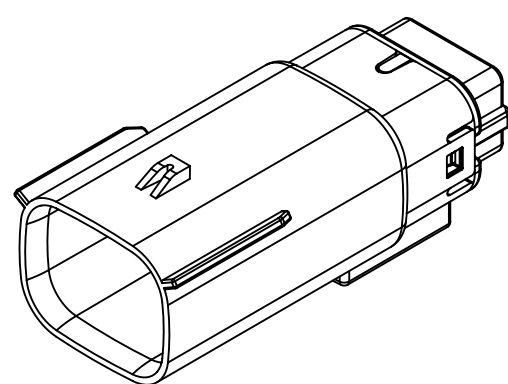
MATING CONNECTOR DRAWINGS	
DESCRIPTION	MOLEX INLINE
2X2	SD-33472-0001
2X3	SD-33472-0001
2X4	SD-33472-0001
2X6	SD-33472-0001
2X8	SD-33472-0001
2X10	SD-33472-0001



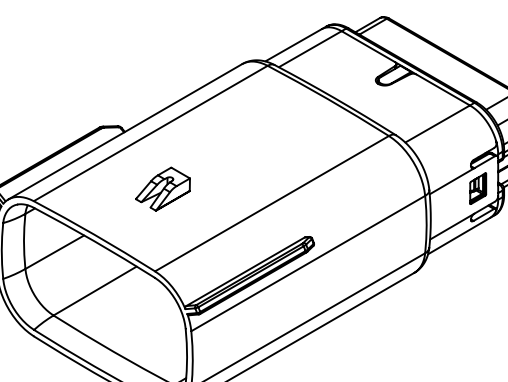
2X2



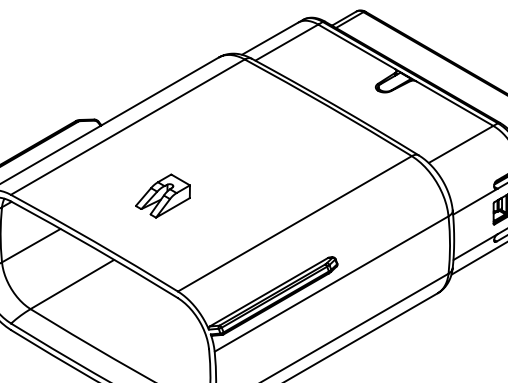
2X3



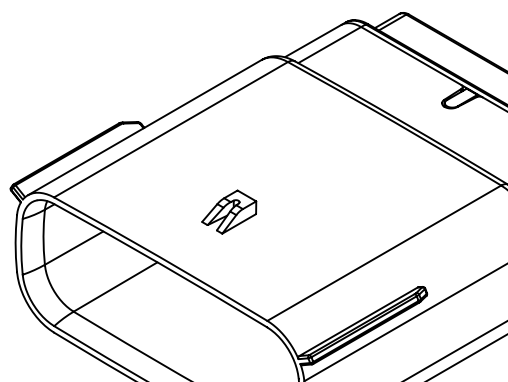
2X4



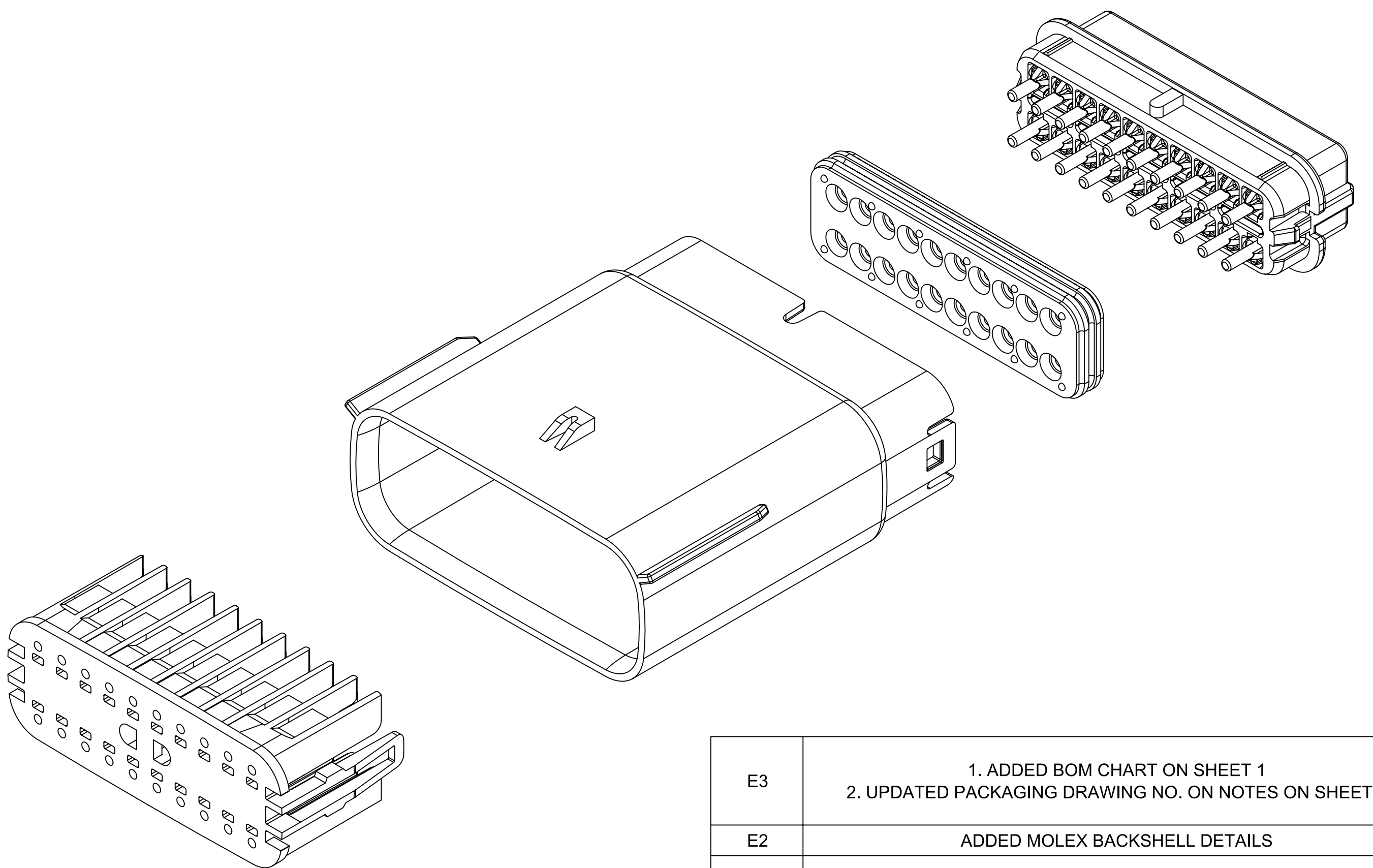
2X6



2X8



2X10



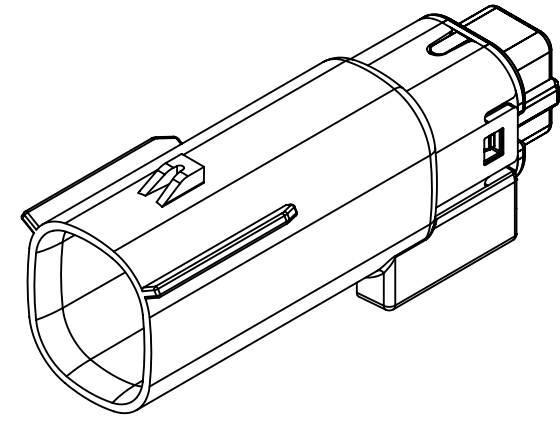
INSPECTION NUMBER LOG	
LAST NUMBER:	9
ADDED:	
REMOVED:	

E3	1. ADDED BOM CHART ON SHEET 1 2. UPDATED PACKAGING DRAWING NO. ON NOTES ON SHEET 1
E2	ADDED MOLEX BACKSHELL DETAILS
E1	MIGRATED FROM COCREATE AND IMPORTED DXF FILES
E	ADDED CHARTED DIMENSIONS FOR 2X2, 2X4, 2X6 AND 2X8 WITH CLIPSLOT
D	MINOR GEOMETRY CHANGE FOR UL V0
C3	ADD 2X4
C2	ADD 2X3
C1	ADD UL V0 CONFIGURATIONS
C	ADD 2X8
B1	ADD 2X6 BACKSHELL INFO
B	ADD 2X6
A	INITIAL RELEASE
REV	REV DESCRIPTION

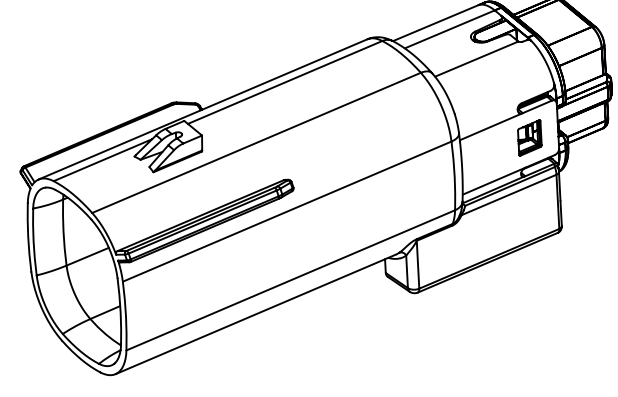
<b>FUNCTIONAL SYMBOLS</b> FA = 0 FE = 0 FP = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>1.5:1</b> GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL: ± 1' 4 PLACES: ± 3 PLACES: ± 2 PLACES: ± 0.100 1 PLACE: ± 0.20 0 PLACES: ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CURRENT REV DESC:  STATUS: Production DRWN: Yann Chen CHK'D: Yu Chao Fu APPR: Elvis Song THIRD ANGLE PROJECTION	<b>molex</b>  MX150 BLADE DUAL ROW SEALED ASSEMBLY  PRODUCT SALES DRAWING
	DRWING: A1-SIZE SERIES: 33482 MATERIAL NUMBER: SD-33482-0001 CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 11	DOCUMENT NUMBER: SD-33482-0001 DOC TYPE: PSD DOC PART: 001 REVISION: E3	2023-09-26 2023-09-26 2023-09-27



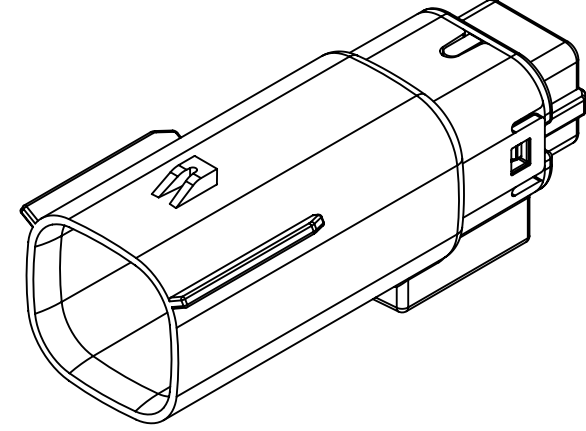
SHEET DESCRIPTION  
CONFIGURATIONS



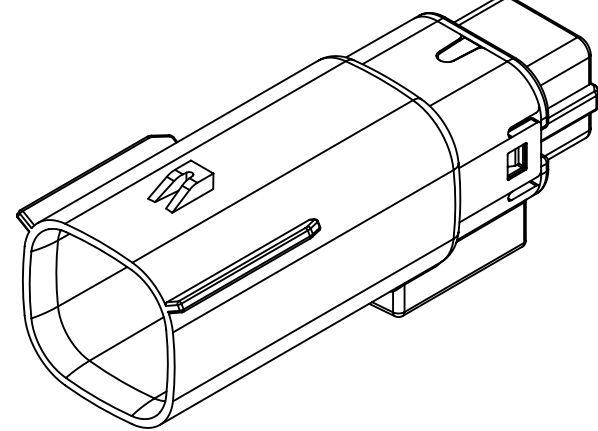
2X2 - STANDARD (STD)



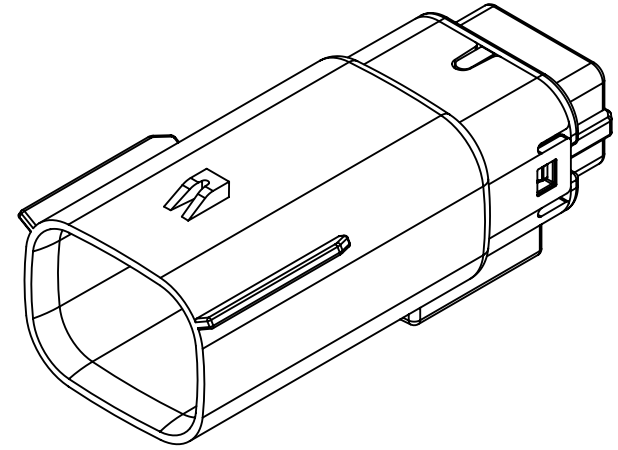
2X2 - UL V0\*



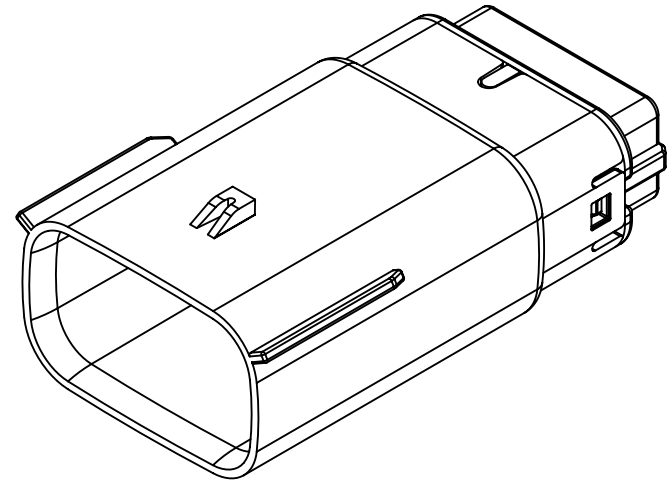
2X3 - STANDARD (STD)



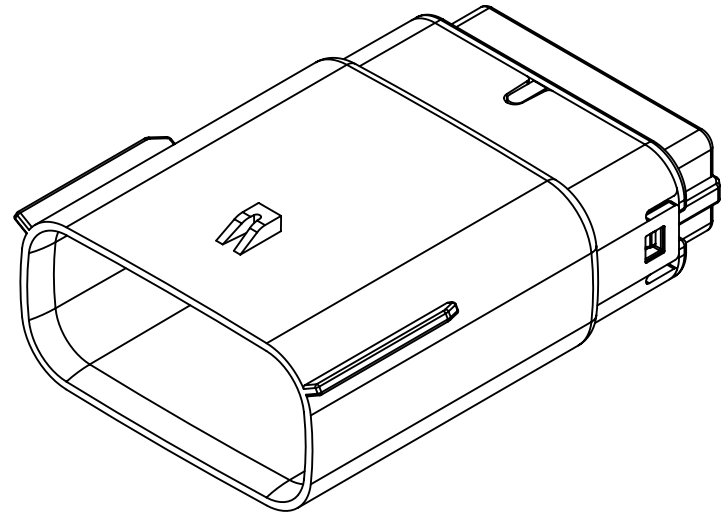
2X3 - LENGTHENED



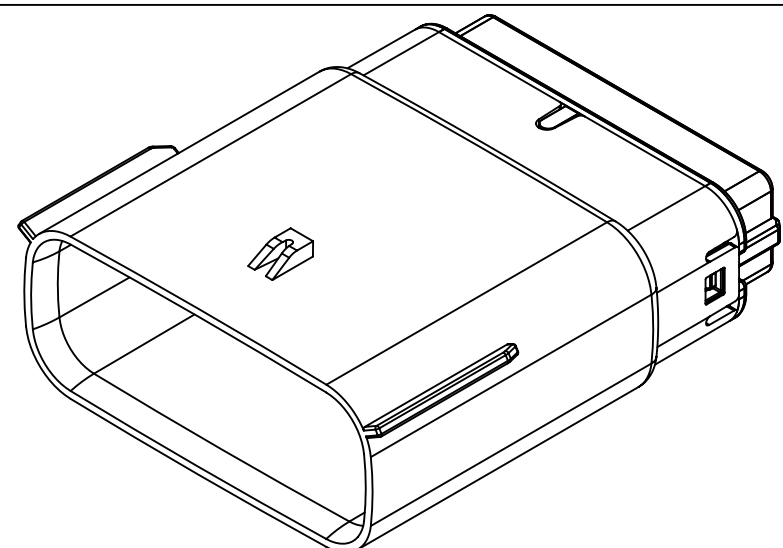
2X4 - STANDARD (STD)



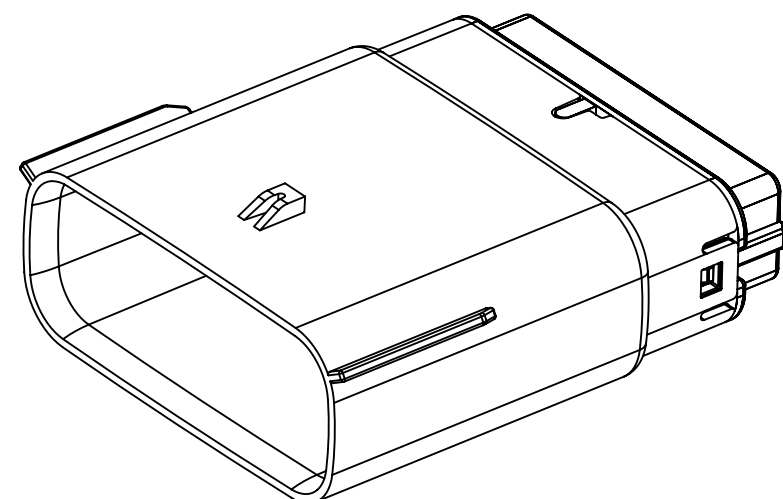
2X6 - STANDARD (STD)



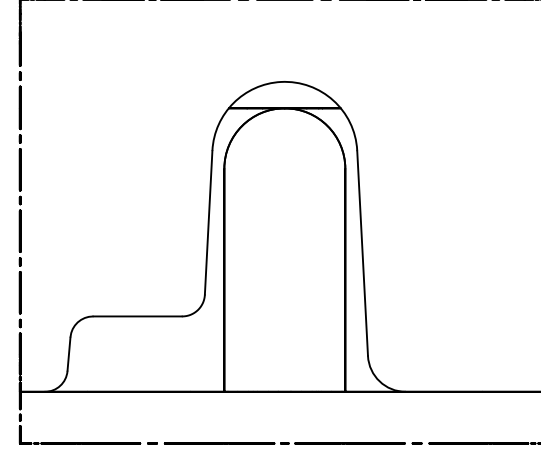
2X8 - STANDARD (STD)



2X10 - STANDARD (STD)



2X10 - UL V0\*

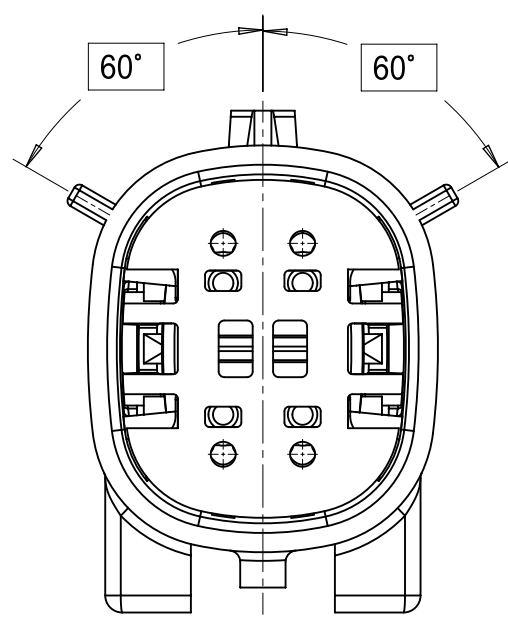


UL V0 UNIQUE FEATURE  
Partial1  
SCALE 10:1

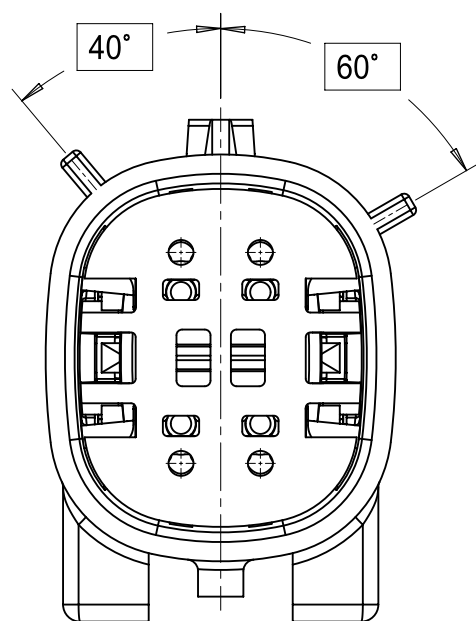
\* MINOR GEOMETRY CHANGE THAN STANDARD CONFIGURATION.  
SEE NOTE 2a FOR MORE INFORMATION

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<p>MX150 BLADE DUAL ROW SEALED ASSEMBLY</p> <p>PRODUCT SALES DRAWING</p>
	DIMENSION UNITS	SCALE	STATUS: Production		
	mm	1.5:1	DRWN: Yann Chen		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: Yu Chao Fu		
	ANGULAR TOL ± 1°		APPR: Elvis Song		
DIVISIONAL SYMBOLS	4 PLACES	±	2023-09-26	DOCUMENT NUMBER	<p>SD-33482-0001</p> <p>PSD 001 E3</p>
	3 PLACES	±	2023-09-26	DOC TYPE   DOC PART   REVISION	
	2 PLACES	± 0.100	2023-09-27	SERIES	
	1 PLACE	± 0.20		MATERIAL NUMBER	
	0 PLACES	±		CUSTOMER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SHEET NUMBER	GENERAL MARKET
			A1-SIZE	33482	2 OF 11

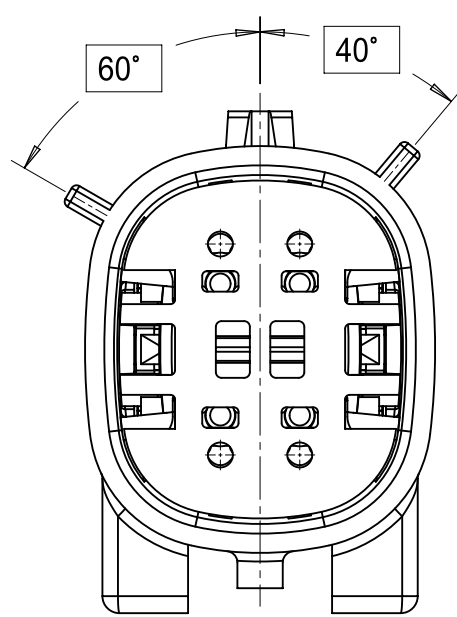
2X2



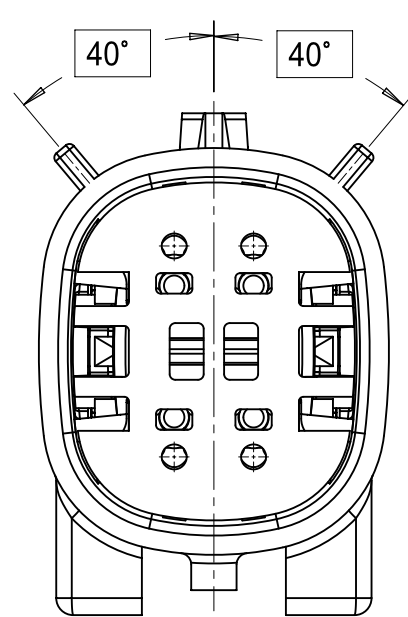
KEY A



KEY B

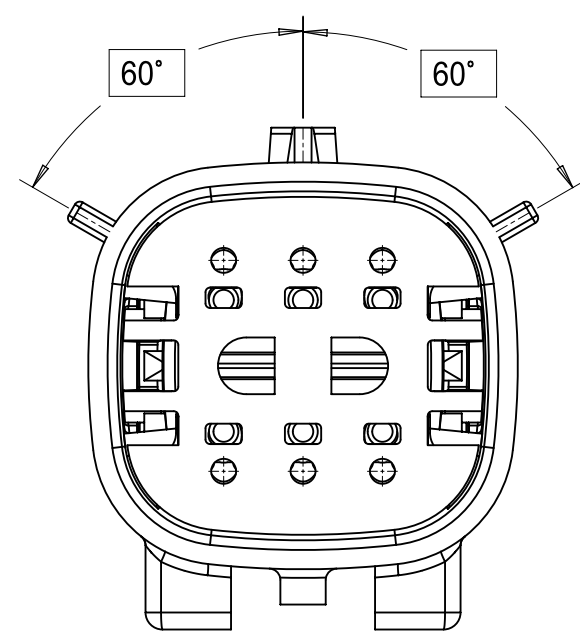


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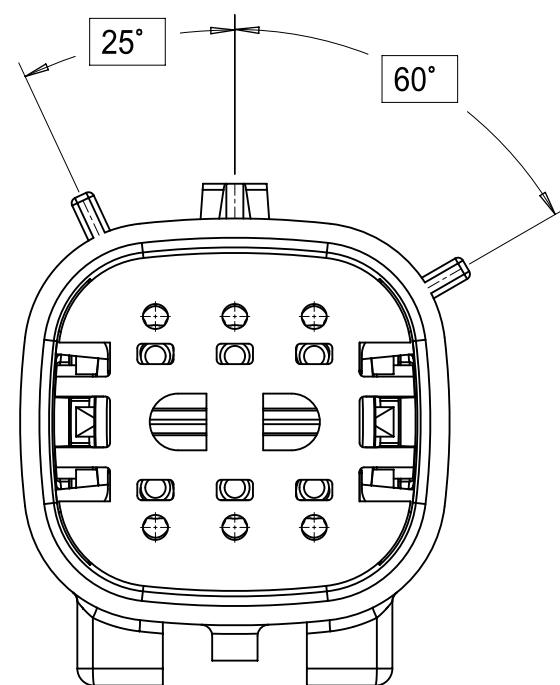


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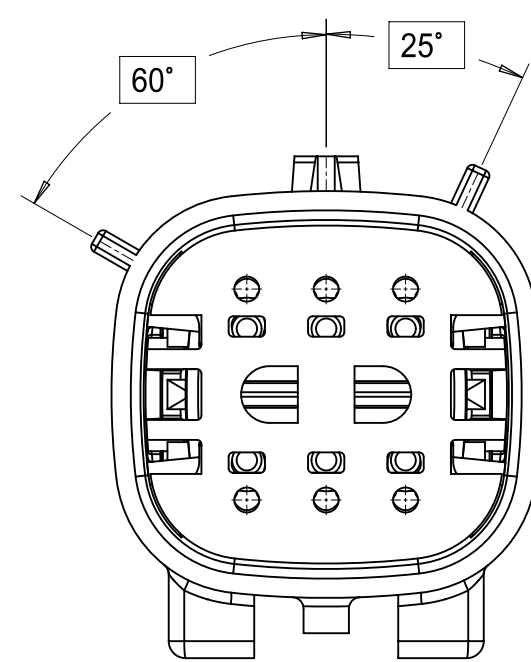
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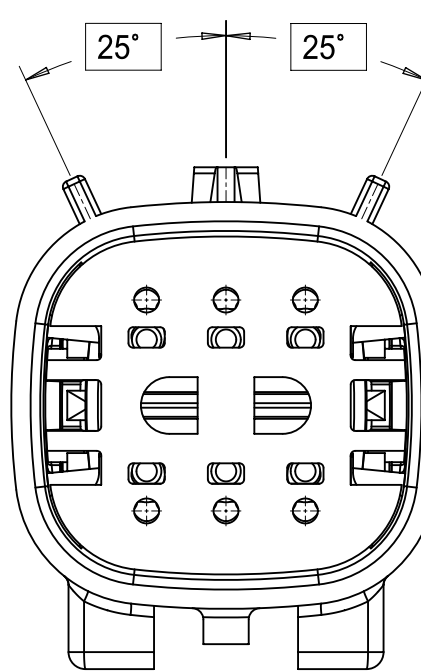
KEY A



KEY B

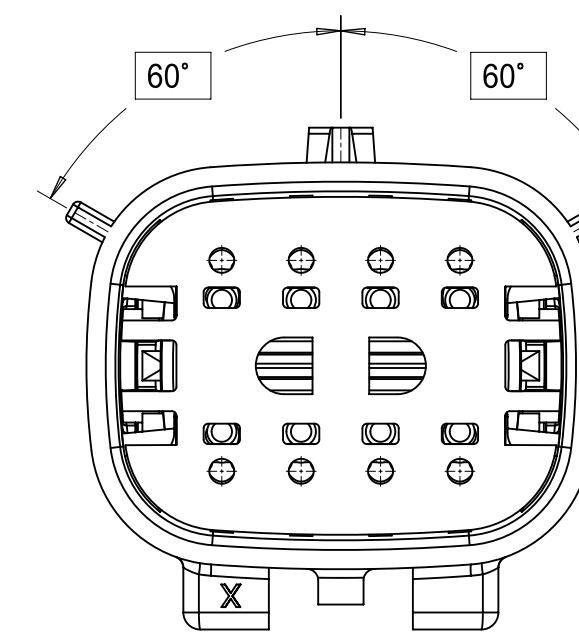


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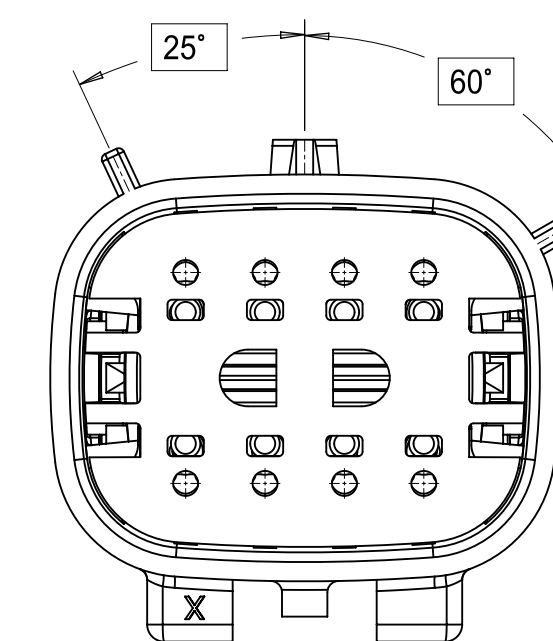


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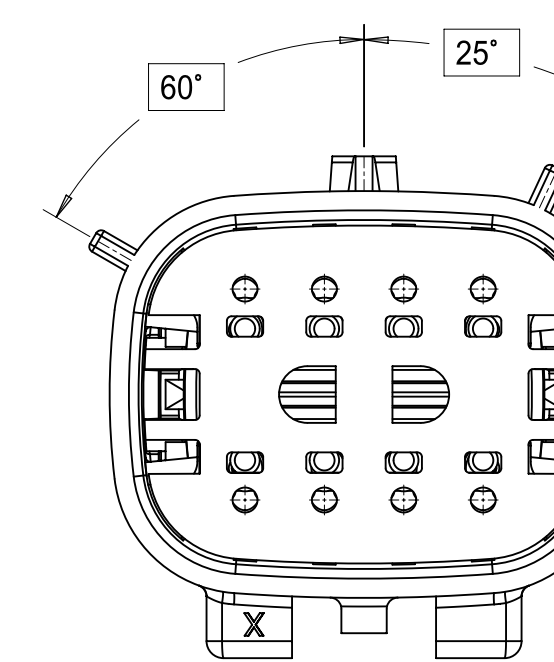
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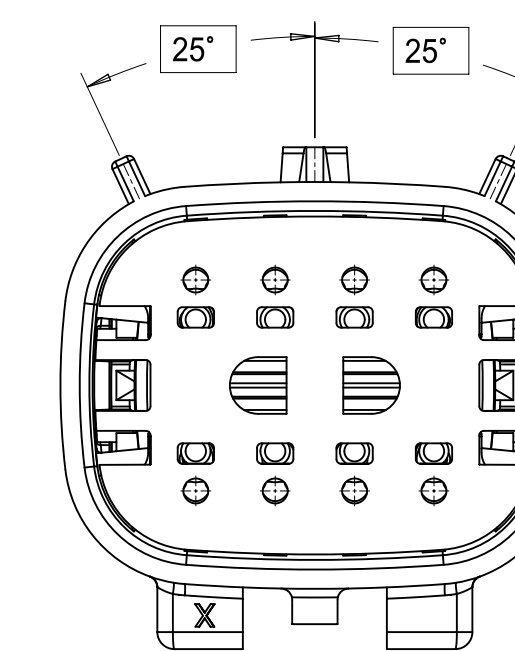
KEY A



KEY B



KEY C



KEY D

<b>FUNCTIONAL SYMBOLS</b> FA = 0 FC = 0 FP = 0 <b>DIVISIONAL SYMBOLS</b> 2 PLACES ± 0.100 1 PLACE ± 0.20 0 PLACES ±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS <b>mm</b>	SCALE <b>3:1</b>	STATUS: Production DRWN: Yann Chen CHK'D: Yu Chao Fu APPR: Elvis Song	
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1°		2023-09-26 2023-09-26 2023-09-27	DOCUMENT NUMBER <b>SD-33482-0001</b>
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING <b>A1-SIZE</b>
		SERIES <b>33482</b>	CUSTOMER <b>GENERAL MARKET</b>	SHEET NUMBER <b>3 OF 11</b>

**molex**

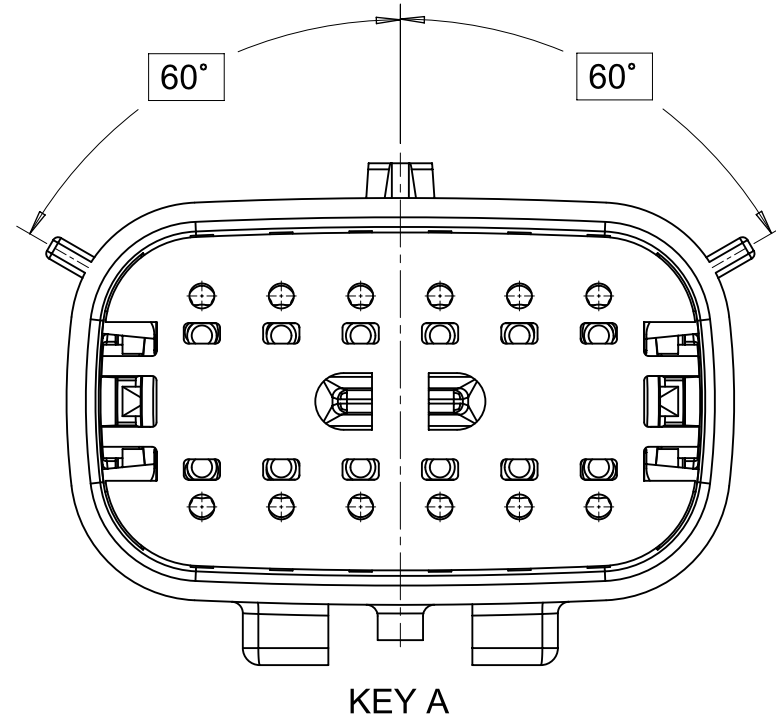
MX150 BLADE  
DUAL ROW SEALED ASSEMBLY

PRODUCT SALES DRAWING

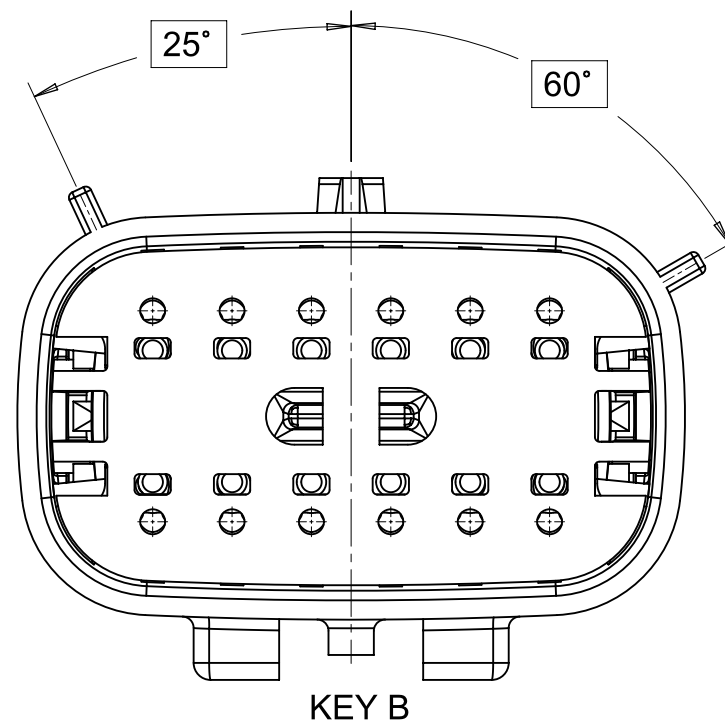
DOC TYPE	DOC PART	REVISION
PSD	001	E3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 11

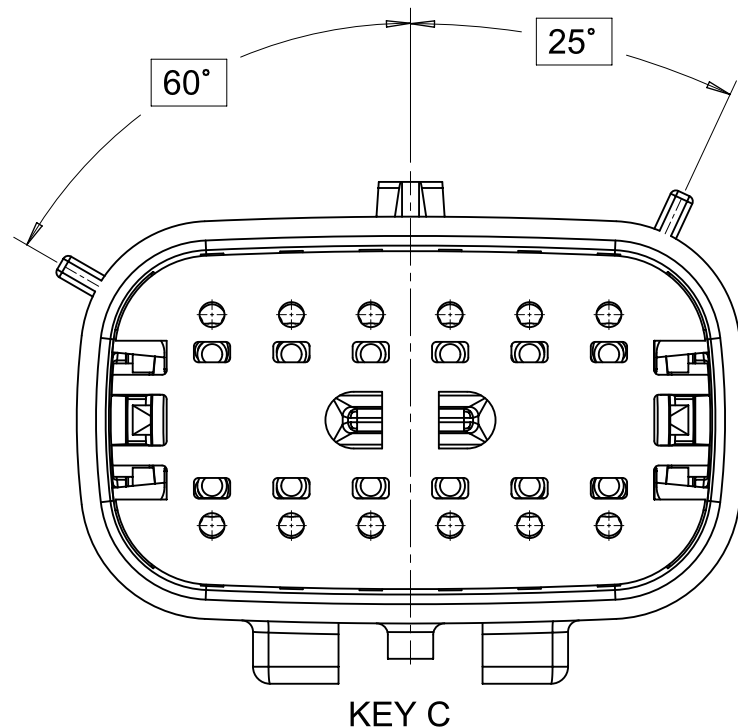
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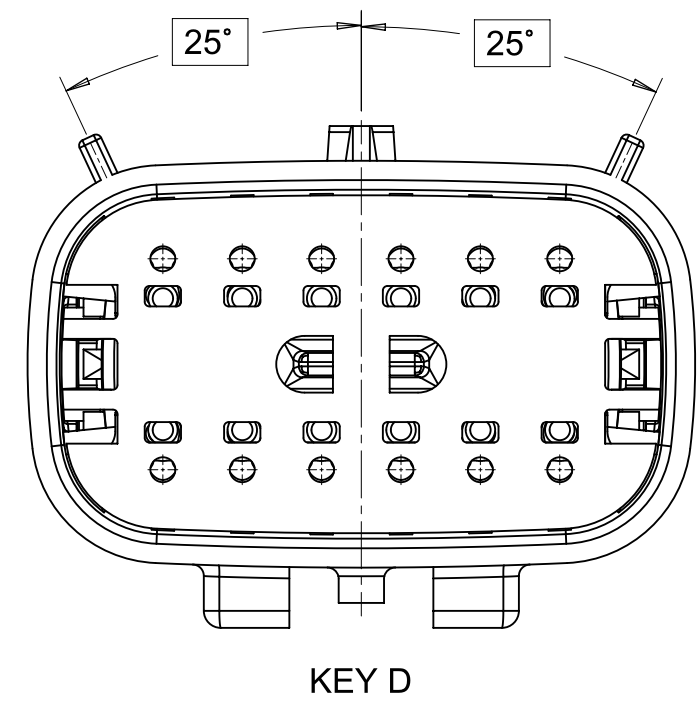
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KEY B

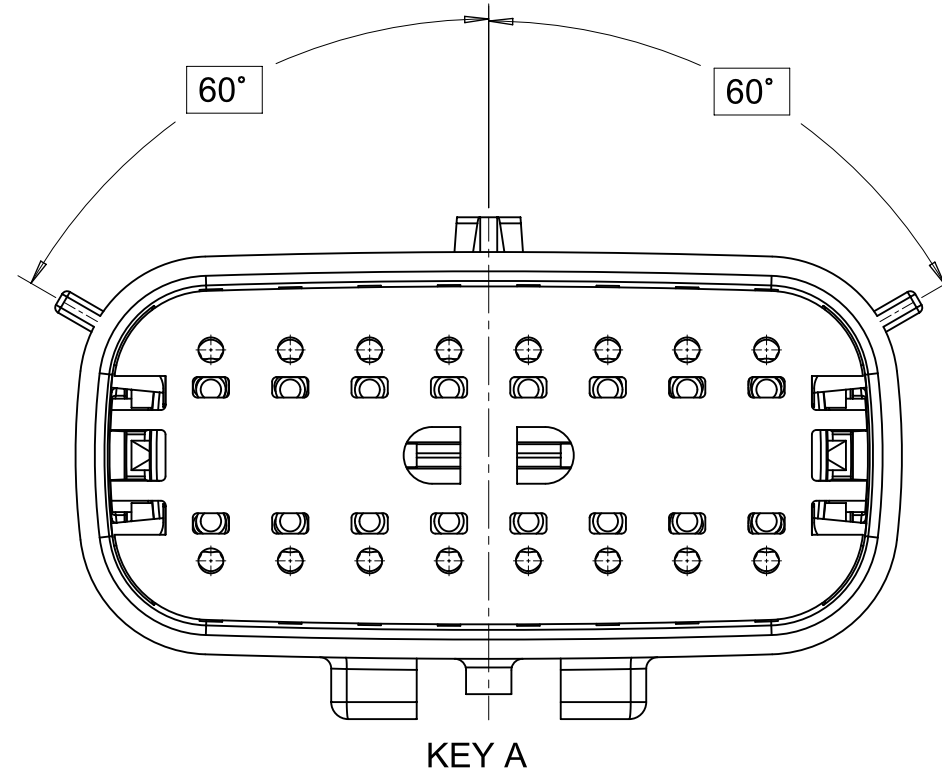


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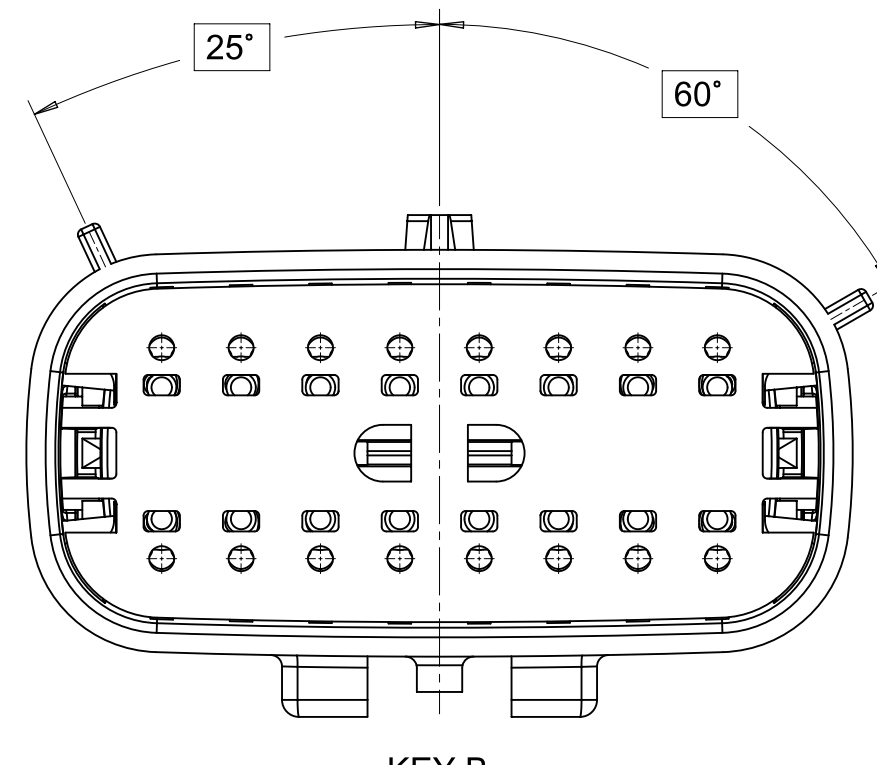


KEY D

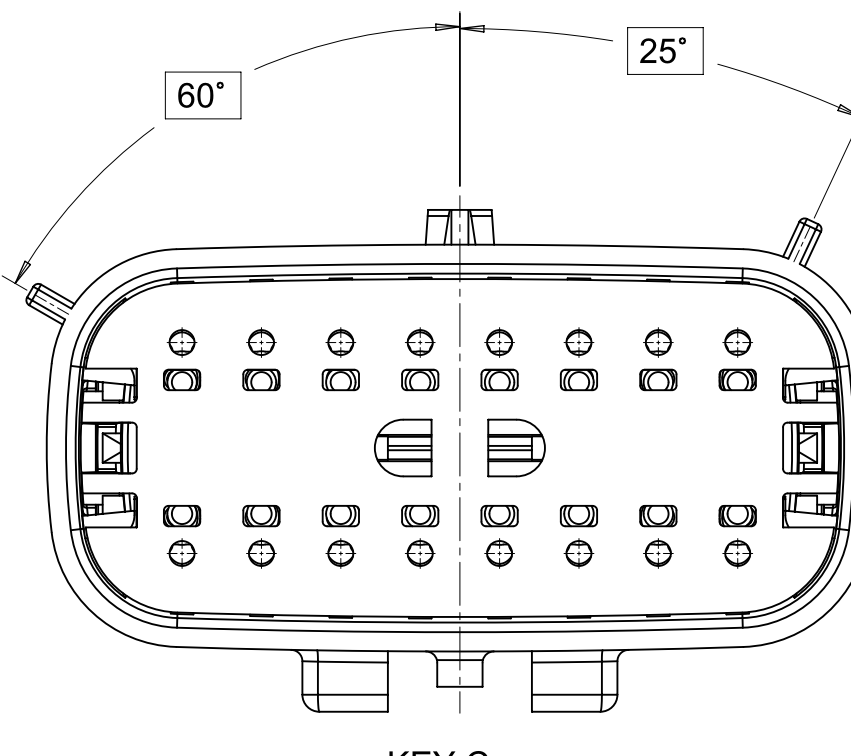
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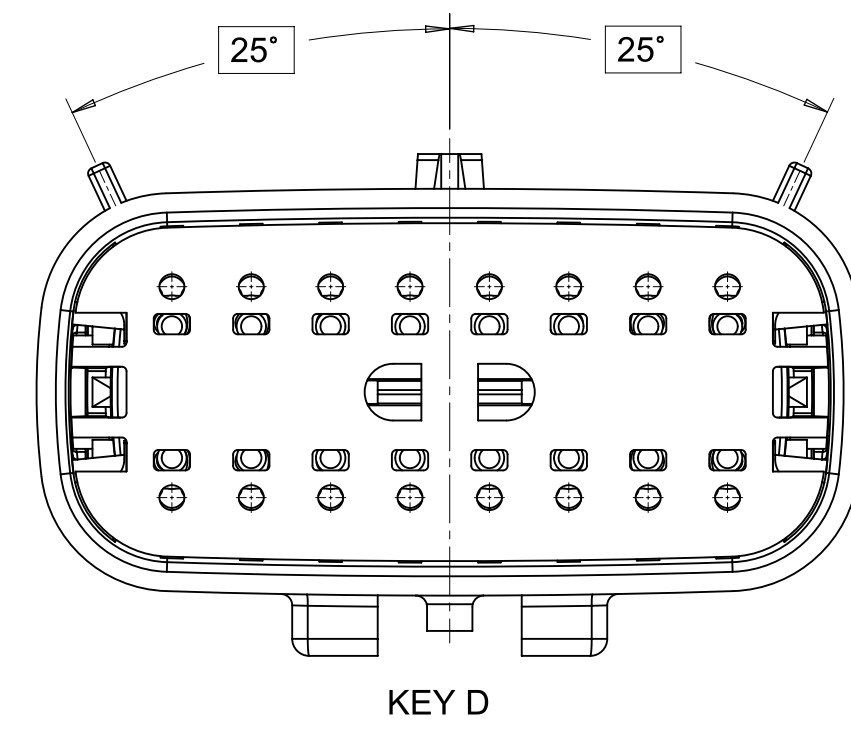
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KEY B

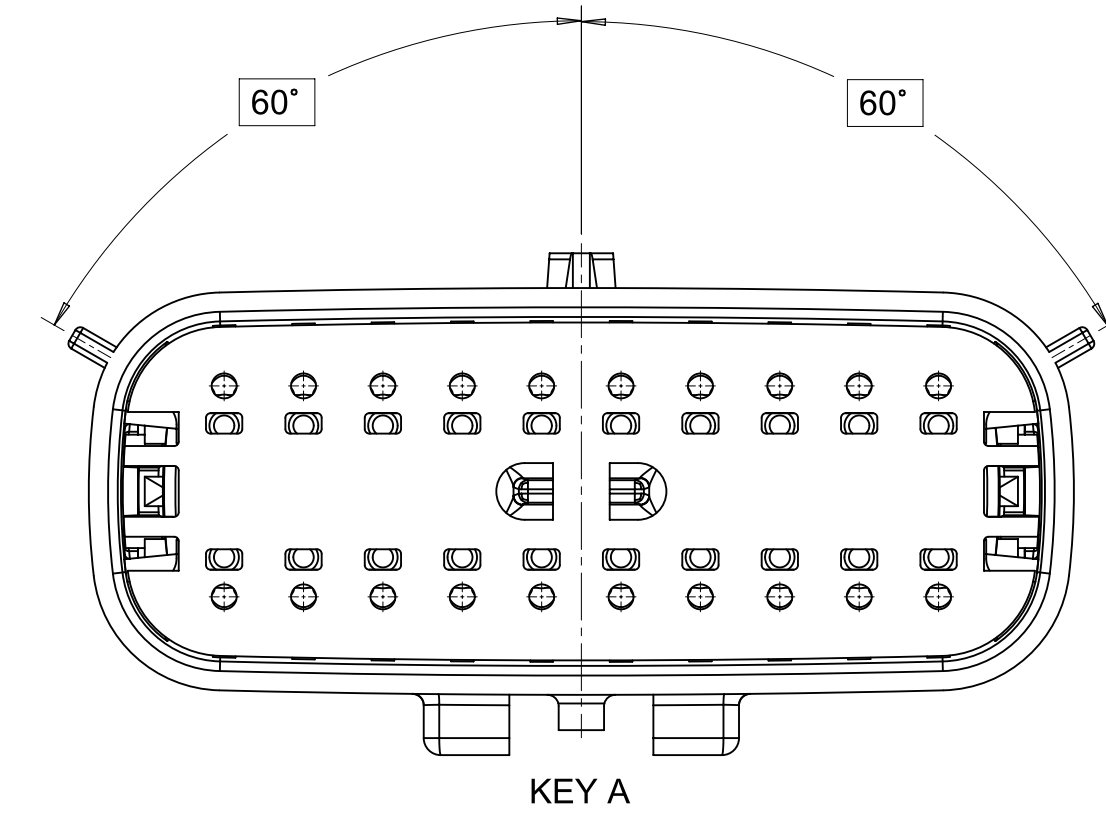


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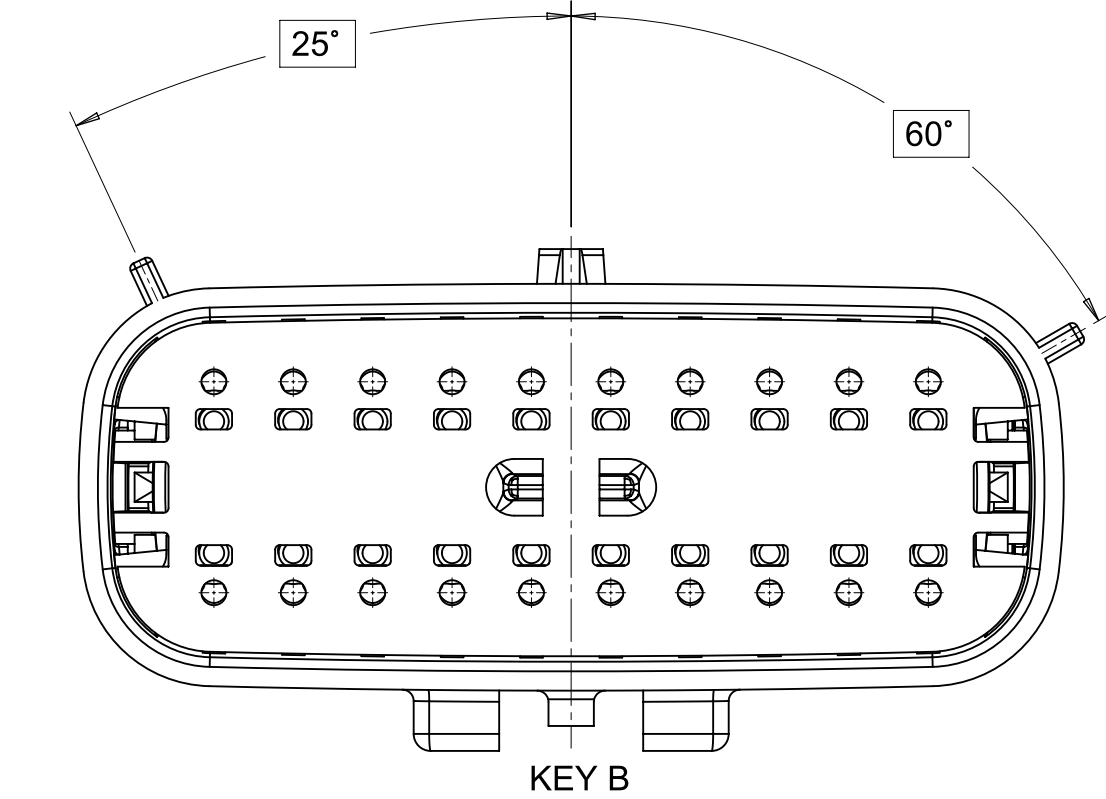


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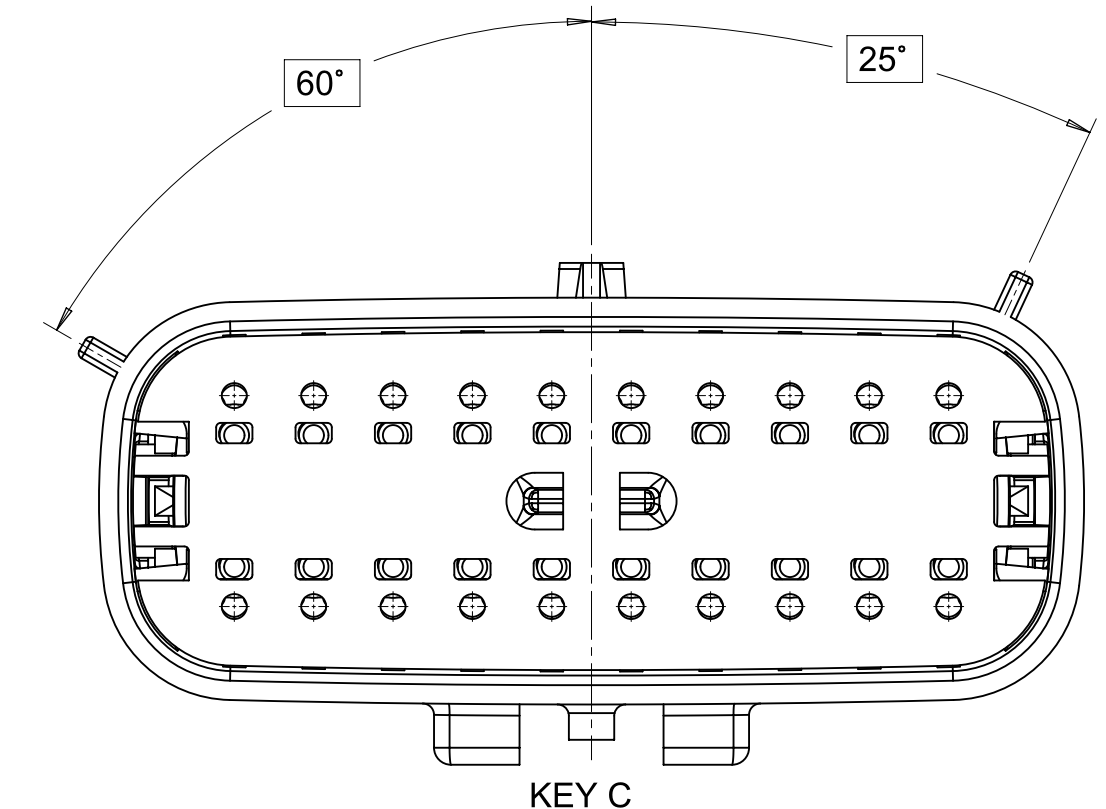
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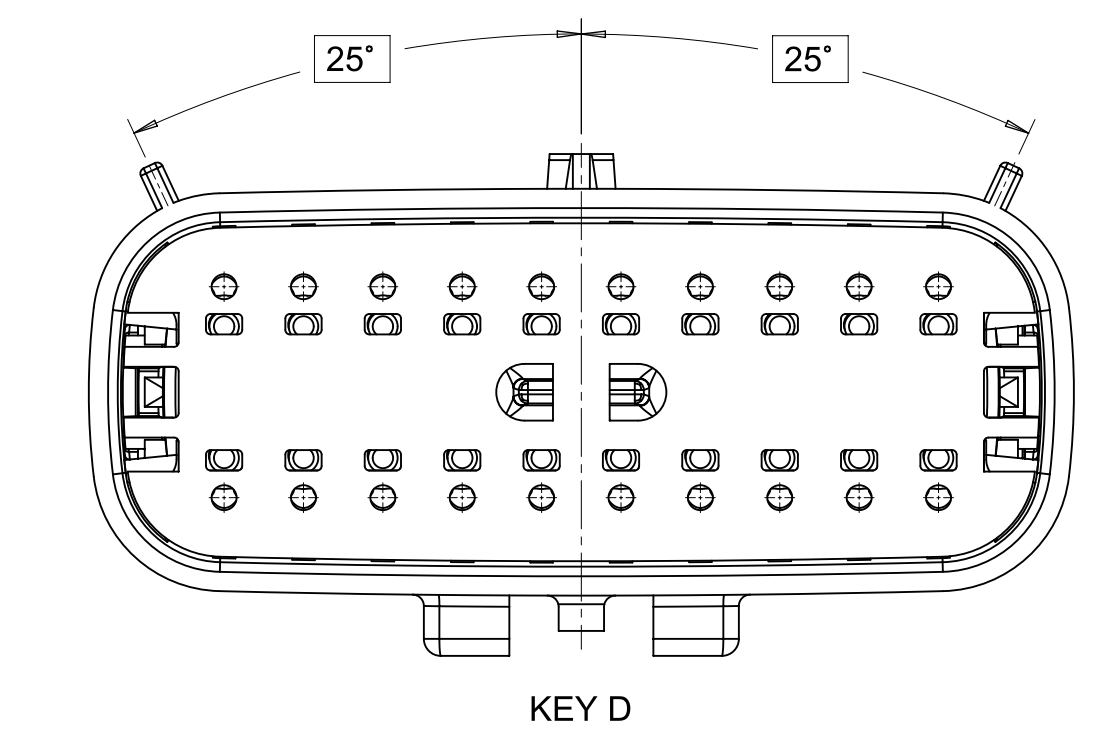
KEY A



KEY B



KEY C



KEY D

<b>FUNCTIONAL SYMBOLS</b> FA = 0 FC = 0 FP = 0 <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:	
	DIMENSION UNITS	SCALE	STATUS: Production	
	mm	3:1	DRWN: Yann Chen	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: Yu Chao Fu	
ANGULAR TOL ± 1'		APPR: Elvis Song		
4 PLACES ±		2023-09-26	DOCUMENT NUMBER	DOC TYPE   DOC PART   REVISION
3 PLACES ±		2023-09-26	SD-33482-0001	PSD 001 E3
2 PLACES ± 0.100		2023-09-27		
1 PLACE ± 0.20				
0 PLACES ±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
		A1-SIZE	33482	CUSTOMER
				GENERAL MARKET
				SHEET NUMBER
				4 OF 11

**molex**

MX150 BLADE  
DUAL ROW SEALED ASSEMBLY

PRODUCT SALES DRAWING

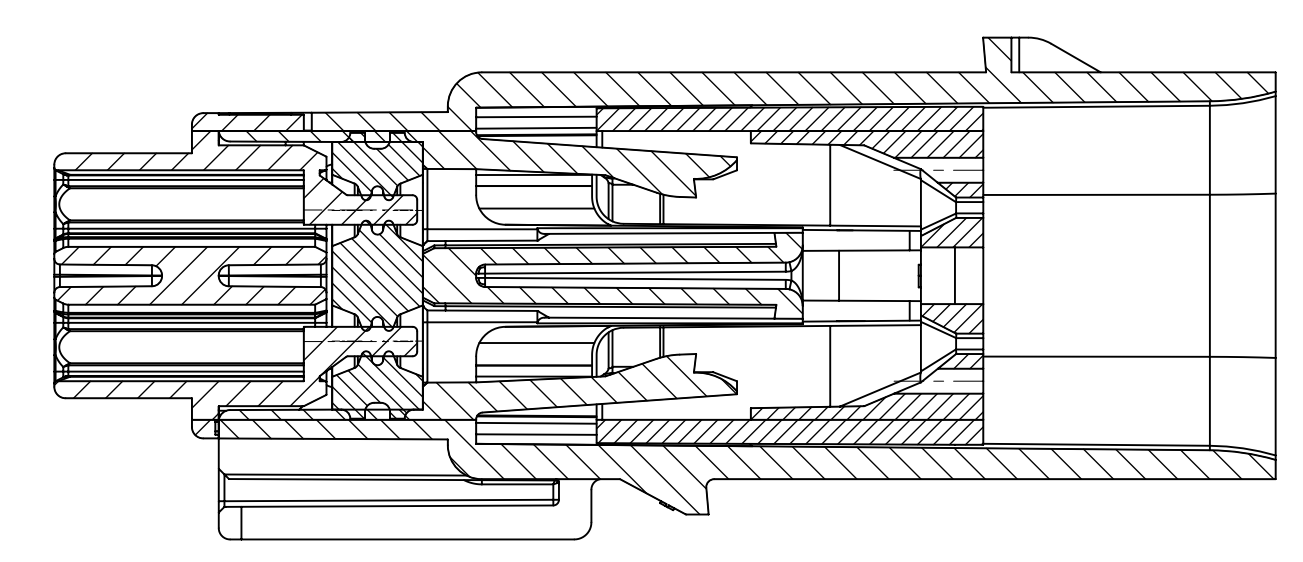
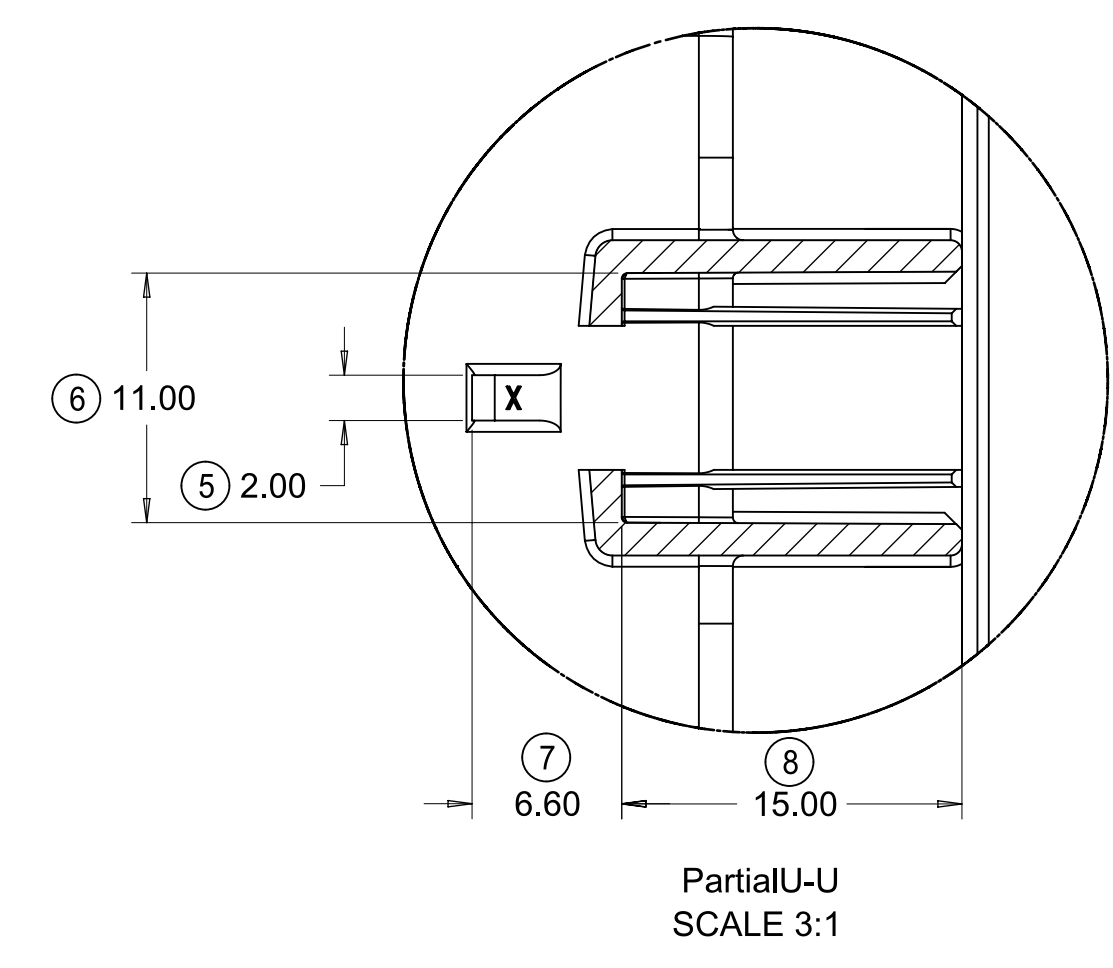
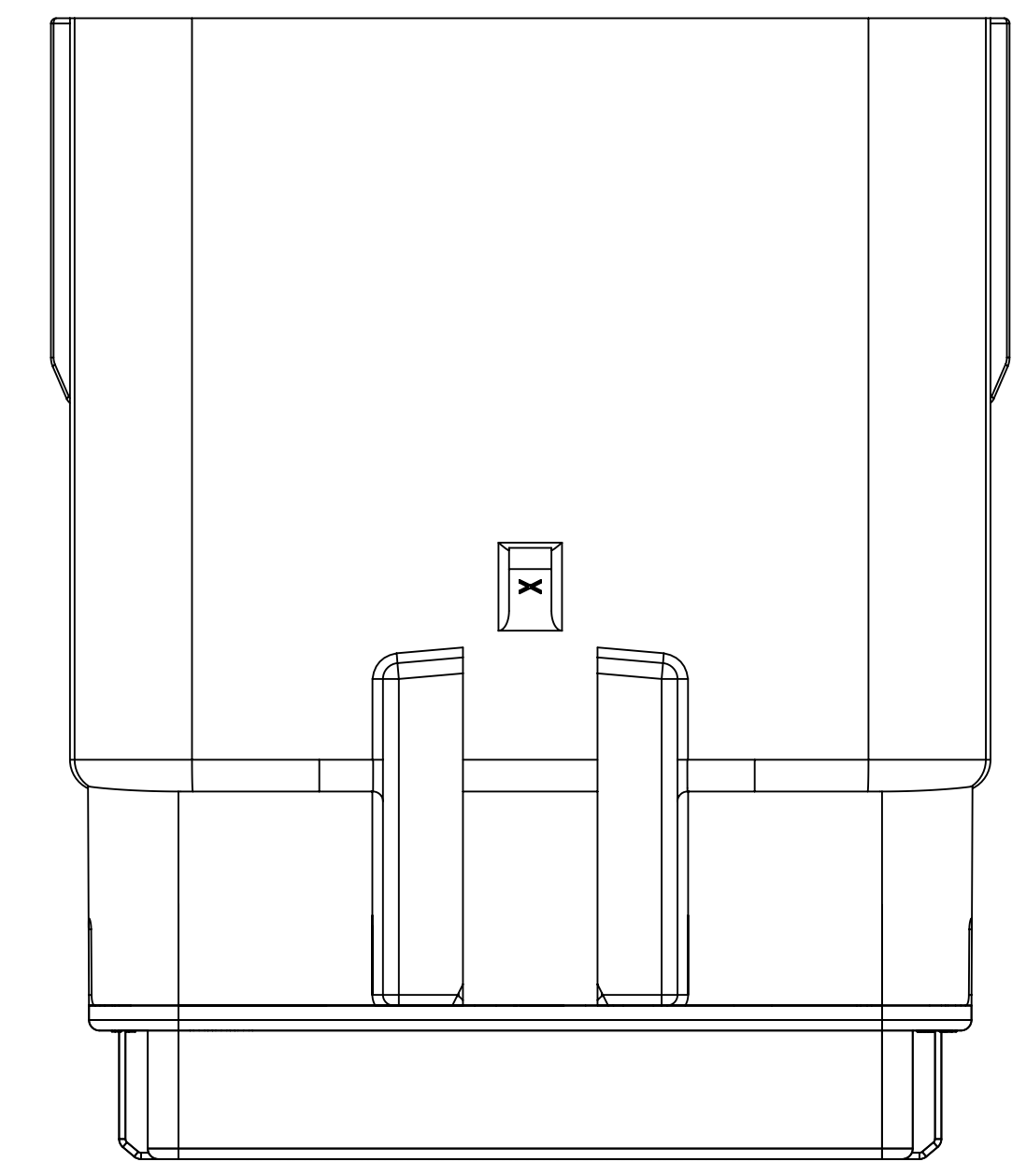
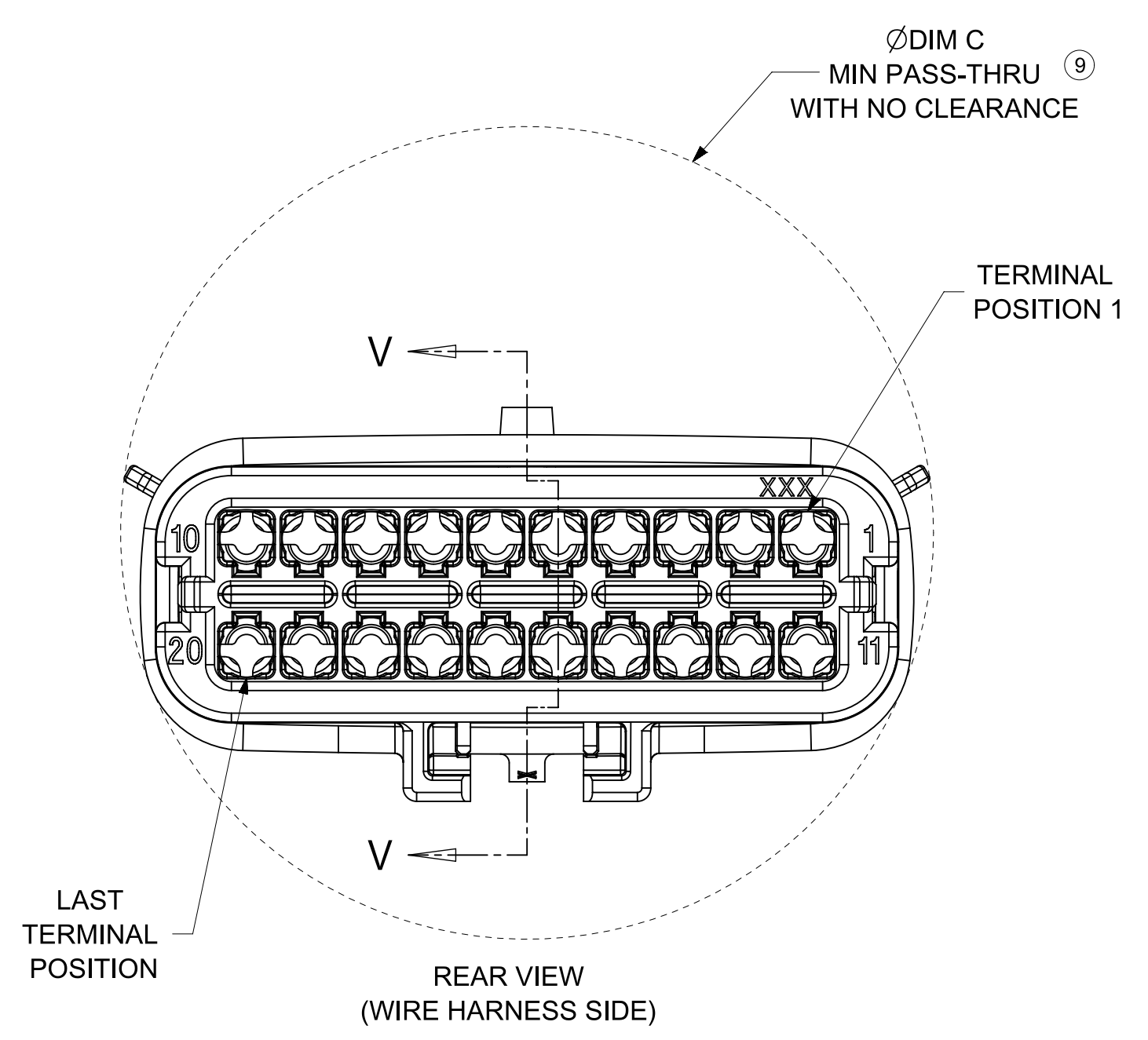
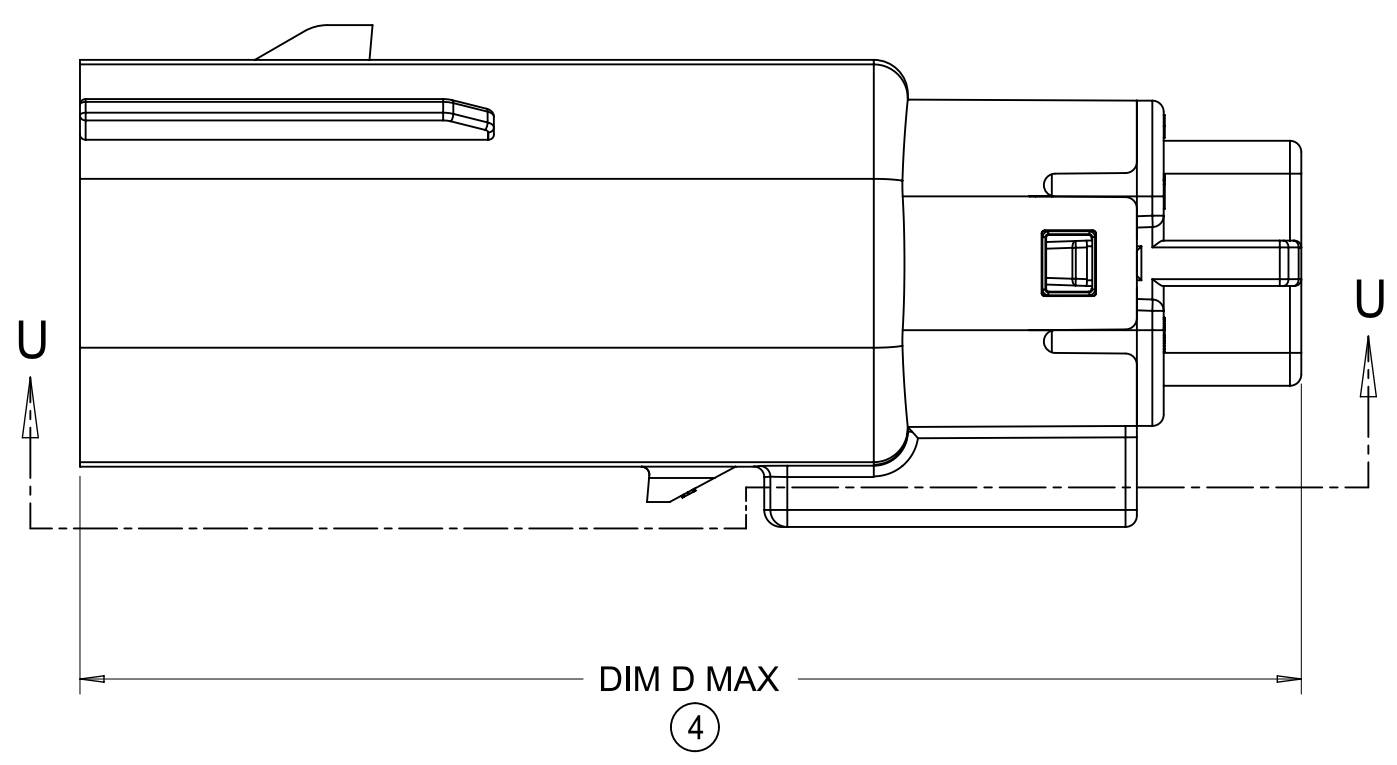
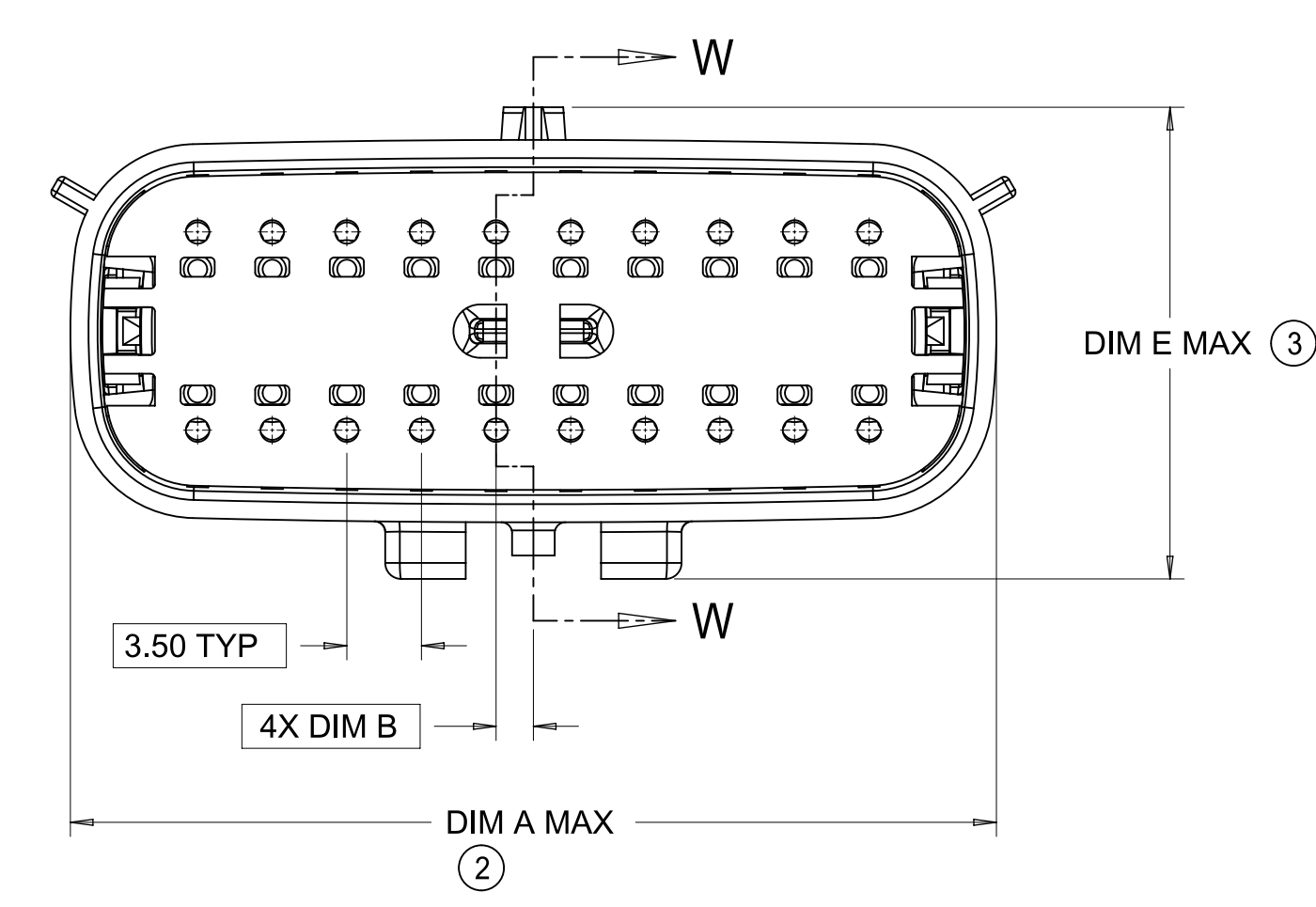
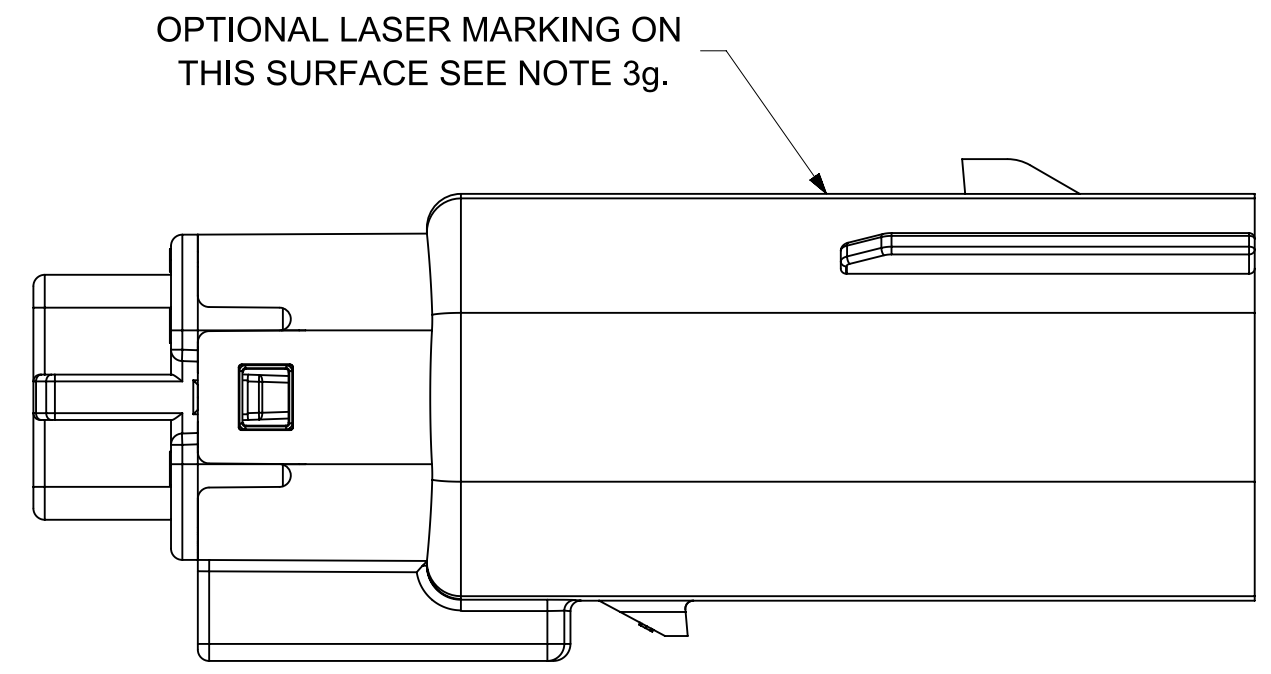
2023-09-26 DOCUMENT NUMBER  
2023-09-26 SD-33482-0001  
2023-09-27

PSD 001 E3  
GENERAL MARKET  
4 OF 11

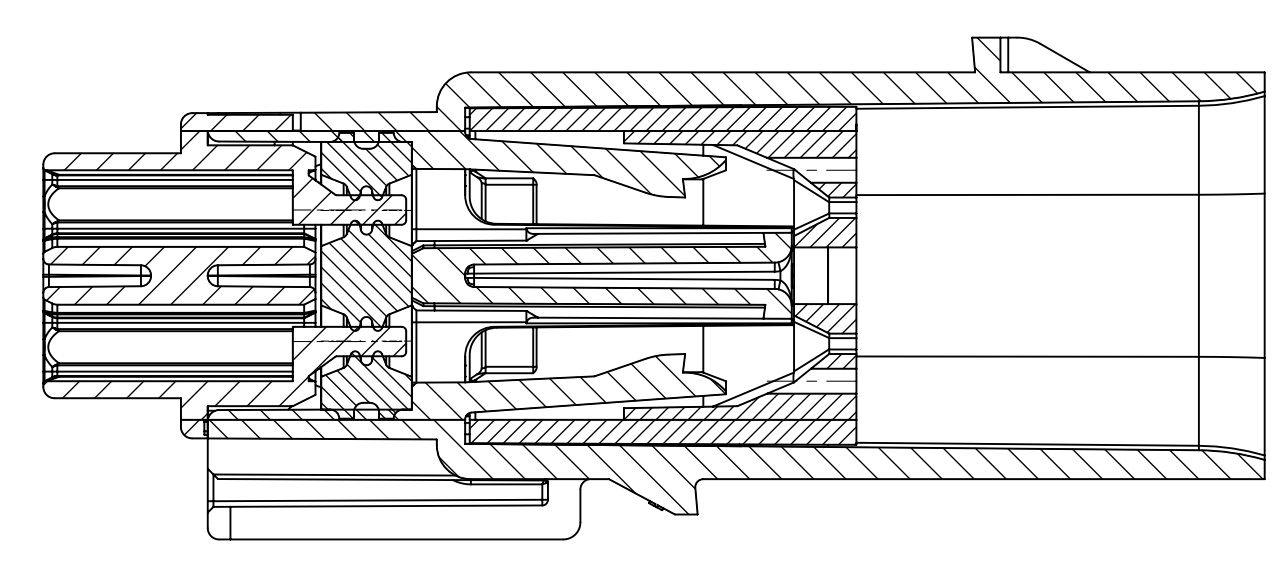


SHEET DESCRIPTION	
BLADE SEALED ASSEMBLY	

CHARTED DIMENSION					
DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
2X2	15.54	1.75	24.40	54.45	22.23
2X3 STANDARD	19.04	3.50	26.21	54.45	22.23
2X3 LENGTHENED	19.04	3.50	26.21	56.45	22.23
2X4	22.54	1.75	27.21	54.45	22.23
2X6	29.54	1.75	32.27	54.45	22.23
2X8	36.54	1.75	38.88	54.45	22.23
2X10	43.64	1.75	45.65	54.45	22.05



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

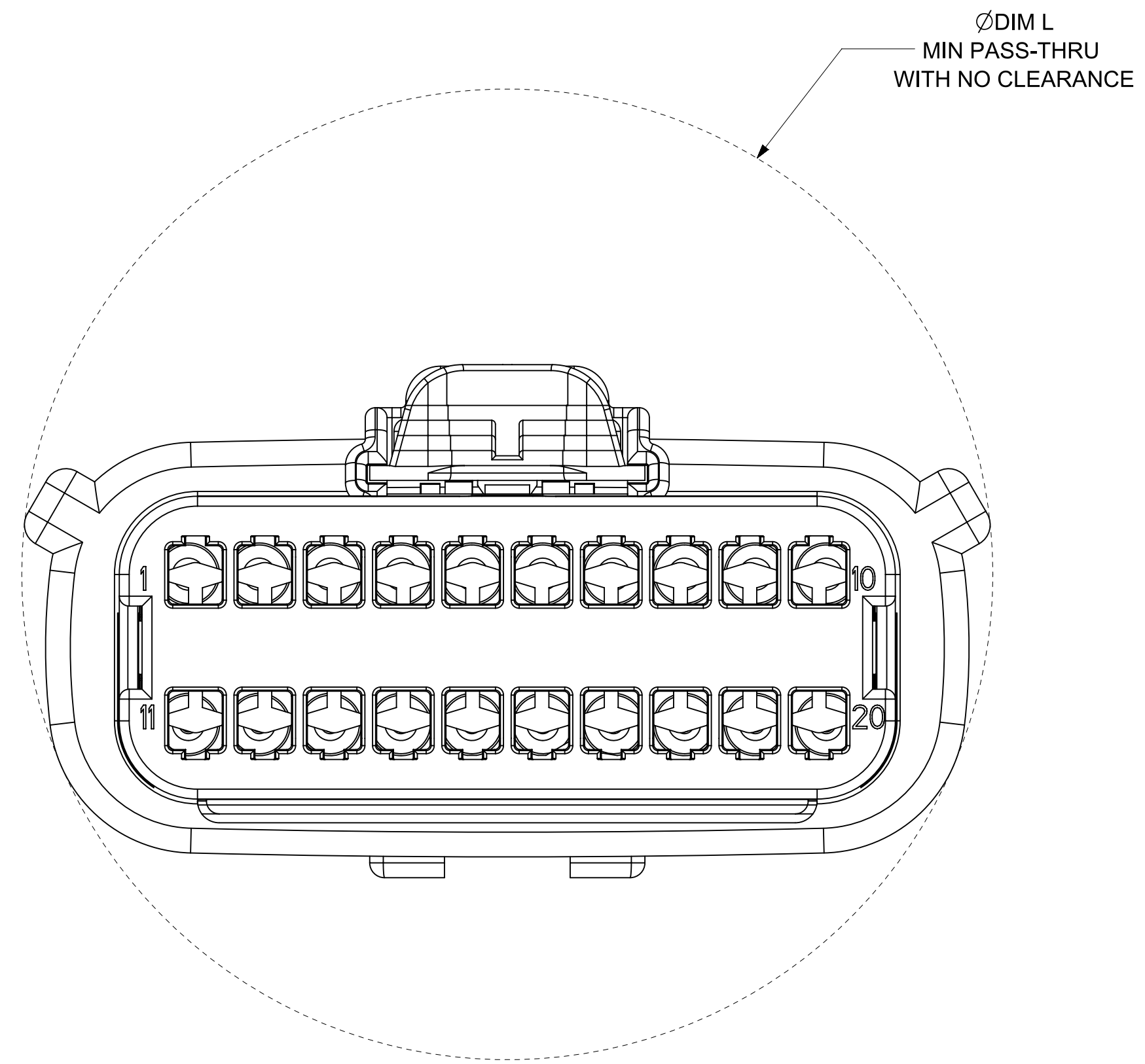
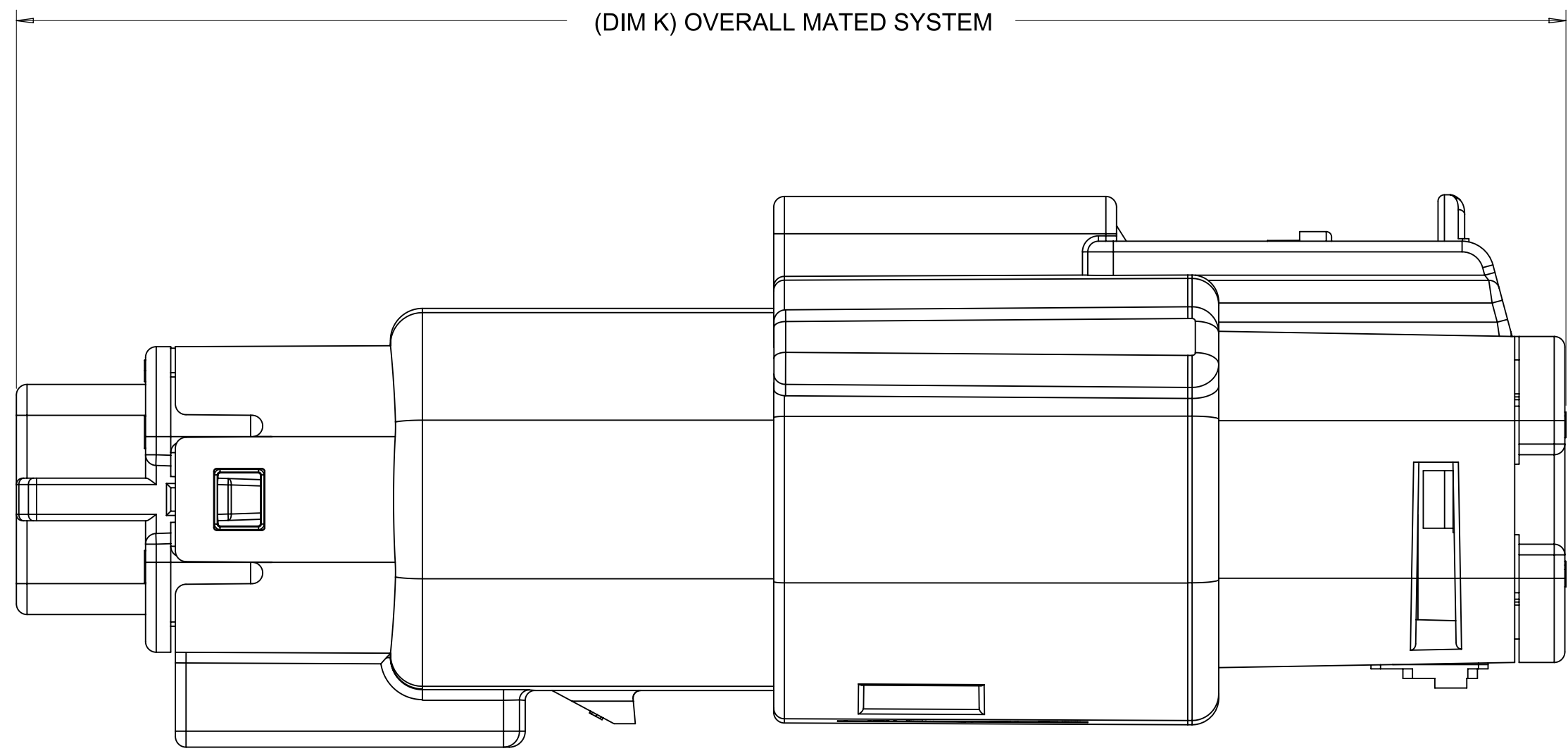


PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN FINAL-LOCK POSITION  
SECTION V-V

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:		
$\frac{E}{A} = 0$	mm	3:1			
$\frac{E}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)				
$\frac{E}{P} = 0$	ANGULAR TOL ± 1°				
DIVISIONAL SYMBOLS	4 PLACES	±			
	3 PLACES	±			
	2 PLACES	± 0.100			
	1 PLACE	± 0.20			
	0 PLACES	±			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	STATUS: Production
			A1-SIZE	33482	DRWN: Yann Chen
					CHK'D: Yu Chao Fu
					APPR: Elvis Song
					2023-09-26
					2023-09-26
					2023-09-27
DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
SD-33482-0001			PSD	001	E3
MATERIAL NUMBER			CUSTOMER		SHEET NUMBER
			GENERAL MARKET		5 OF 11

SHEET DESCRIPTION
SYSTEM PACKAGING

CHARTED DIMENSION				
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS	
			K	L
2X2	STANDARD	W/O CLIPSLOT	72.78	28.00
		W/ CLIPSLOT	72.78	28.50
		LENGTHENED	77.21	28.00
2X3	STANDARD	W/O CLIPSLOT	72.78	28.00
		W/ CLIPSLOT		30.50
	LENGTHENED	W/O CLIPSLOT	74.79	28.00
		W/ CLIPSLOT		30.50
2X4	STANDARD	W/O CLIPSLOT	72.78	29.50
		W/ CLIPSLOT		31.50
2X6	STANDARD	W/O CLIPSLOT	72.79	35.58
		W/ CLIPSLOT		
2X8	STANDARD	W/O CLIPSLOT	72.67	42.25
		W/ CLIPSLOT		
2X10	STANDARD	STANDARD	72.78	49.05

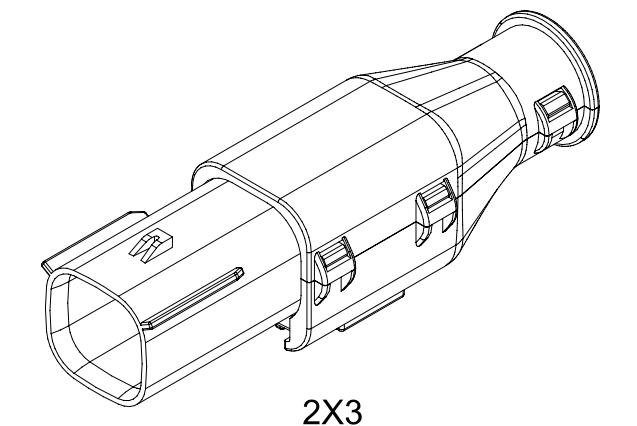


<b>FUNCTIONAL SYMBOLS</b> $\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$ <b>DIVISIONAL SYMBOLS</b> 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.100 1 PLACE ± 0.20 0 PLACES ±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>4:1</b>		CURRENT REV DESC:  STATUS: Production DRWN: Yann Chen CHK'D: Yu Chao Fu APPR: Elvis Song		<b>molex</b>  MX150 BLADE DUAL ROW SEALED ASSEMBLY	
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1°		PRODUCT SALES DRAWING		DOCUMENT NUMBER: <b>SD-33482-0001</b> DOC TYPE: PSD    DOC PART: 001    REVISION: <b>E3</b>	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		MATERIAL NUMBER: <b>33482</b> CUSTOMER: <b>GENERAL MARKET</b> SHEET NUMBER: <b>6 OF 11</b>	
			DRAWING: <b>A1-SIZE</b> SERIES: <b>33482</b>		2023-09-26 2023-09-26 2023-09-27	

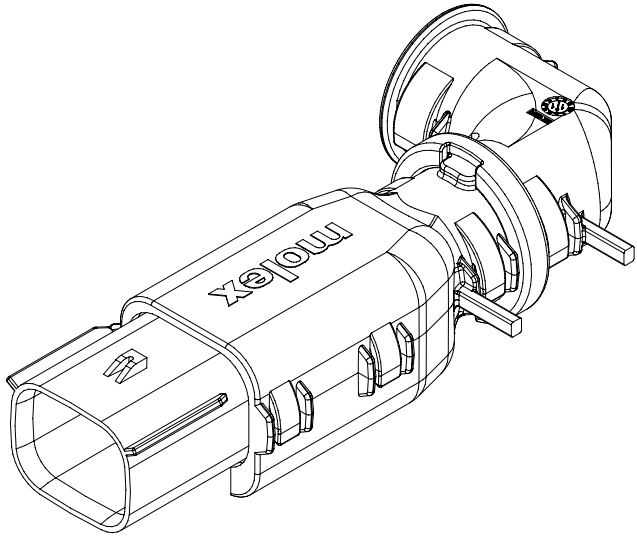
SHEET DESCRIPTION  
BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

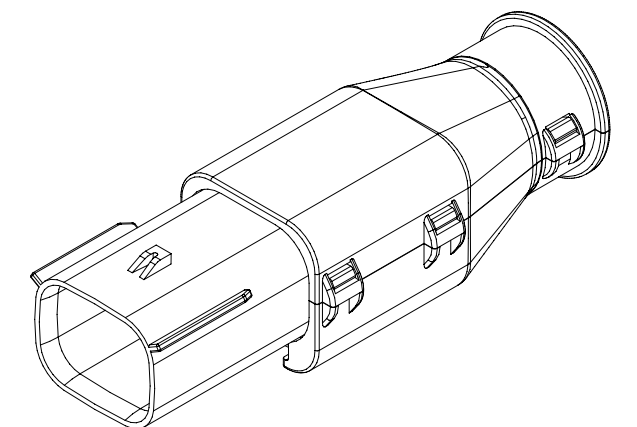
1. GENERAL:  
a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33482-0001.
  - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
  - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
  - DESIGN IS OWNED BY SCHLEMMER FOR SCHLEMMER BACKSHELL.
  - DESIGN IS OWNED BY MOLEX FOR MOLEX BACKSHELL.
  - 90° ADAPTOR DESIGN IS OWNED BY MOLEX.
  - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34950-0001.



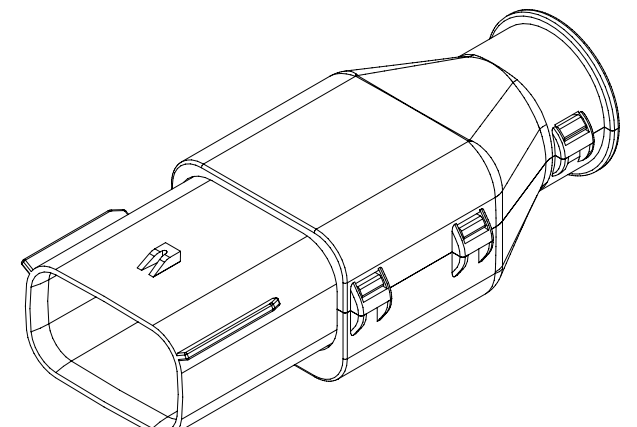
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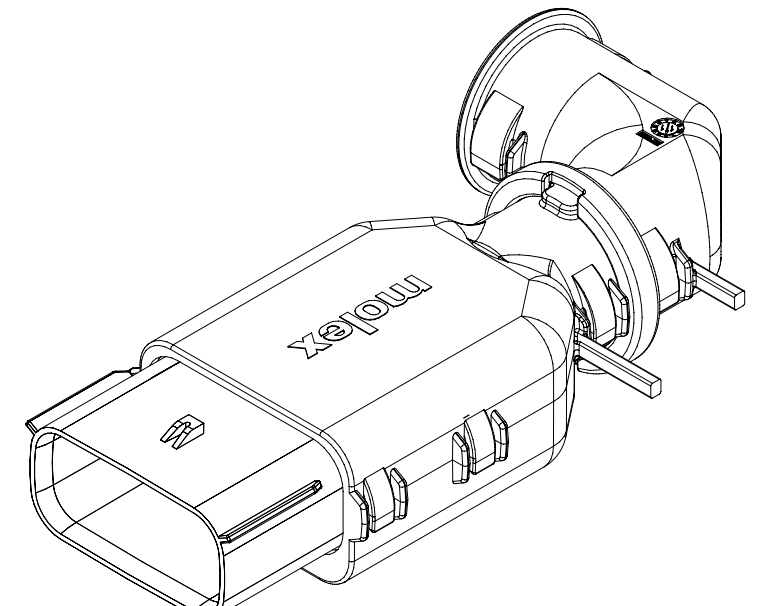
2X4



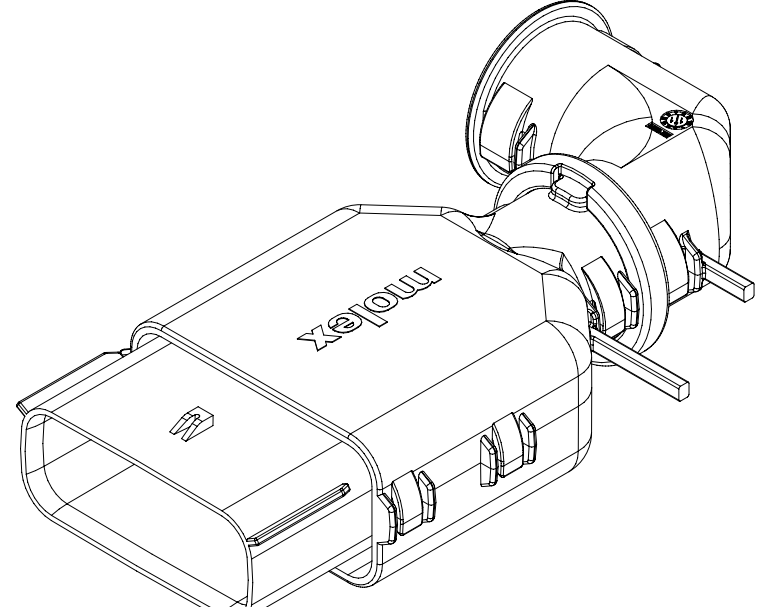
2X4



2X6



2X8



2X10

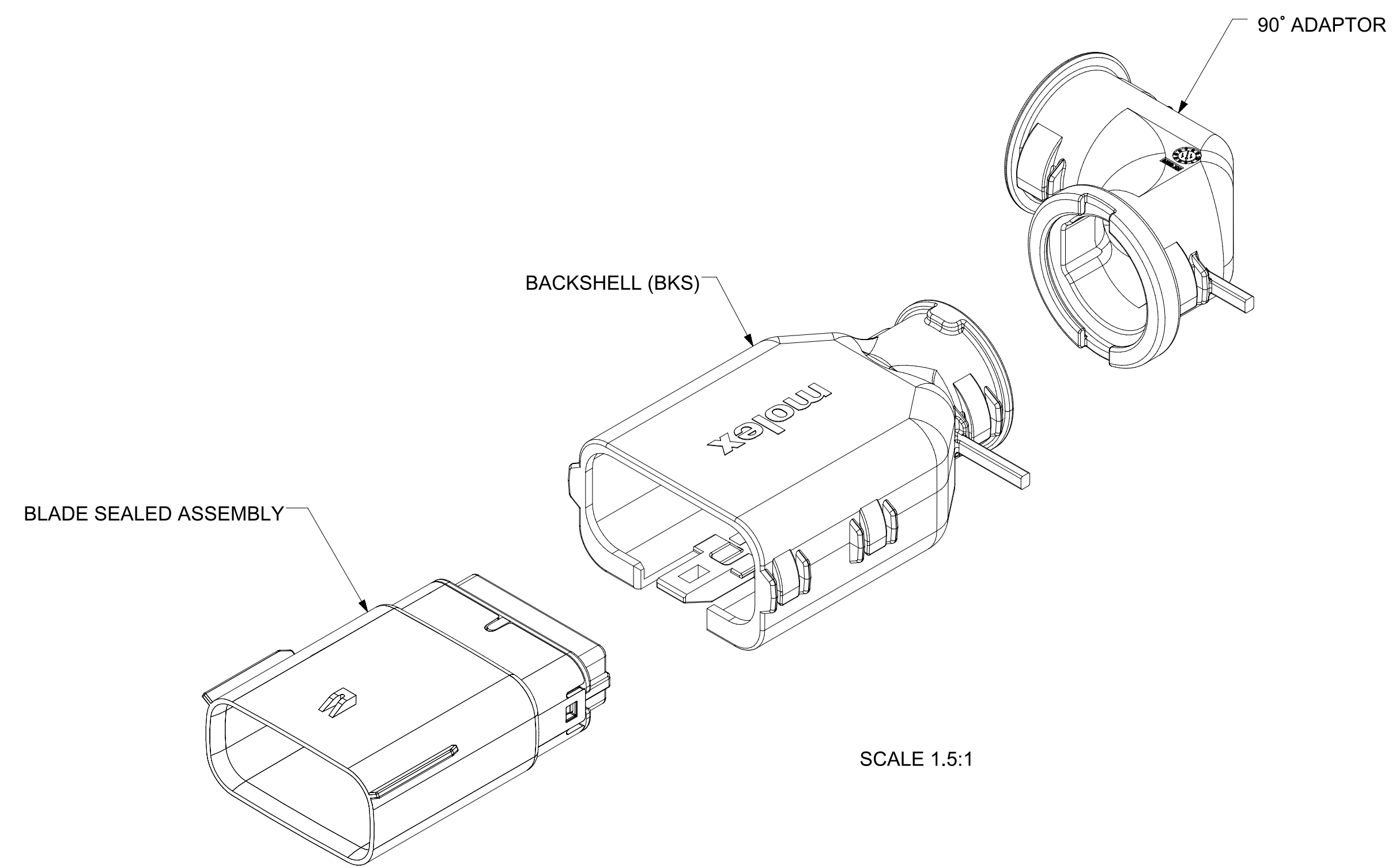
BACKSHELL CUSTOMER MODEL NUMBER LEGEND

34950-XXXX

- CUSTOMER MODEL COMPONENTS
- 0 - SCHLEMMER BACKSHELL ONLY
  - 1 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
  - 2 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
  - 3 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
  - 4 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY D ASSEMBLY
  - 5 - MOLEX BACKSHELL ONLY
  - 6 - MOLEX BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
  - 7 - MOLEX BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
  - 8 - MOLEX BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
  - 9 - MOLEX BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

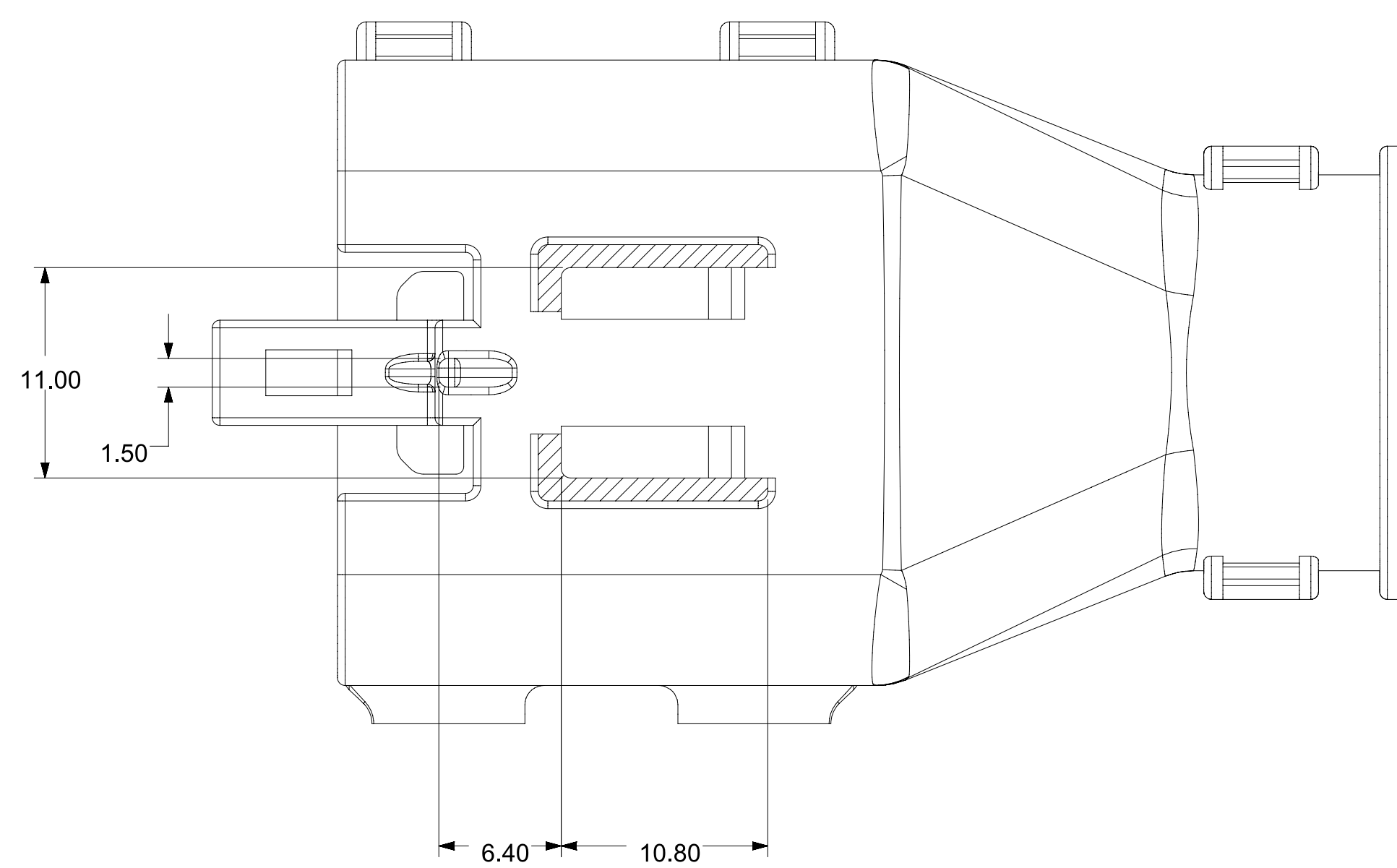
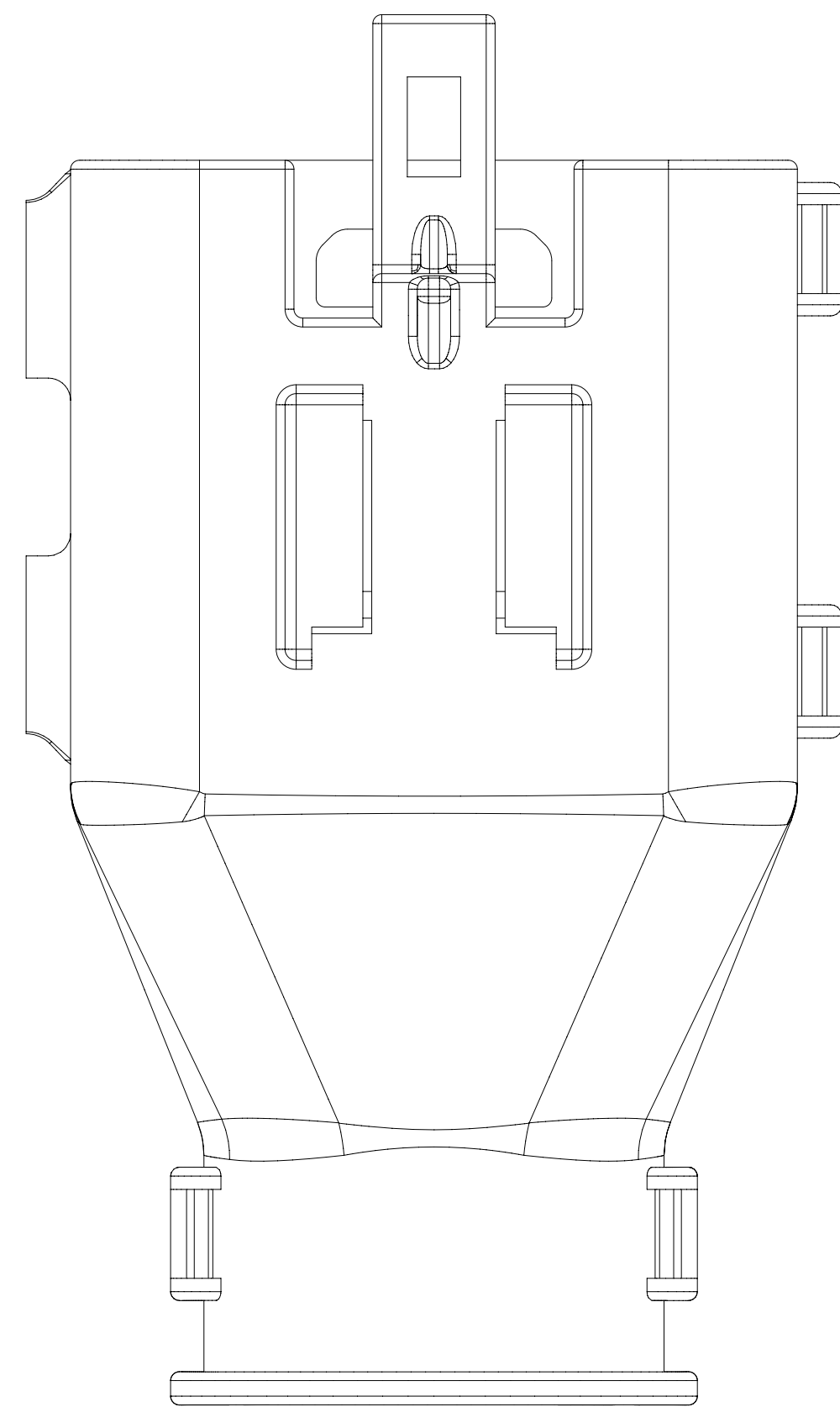
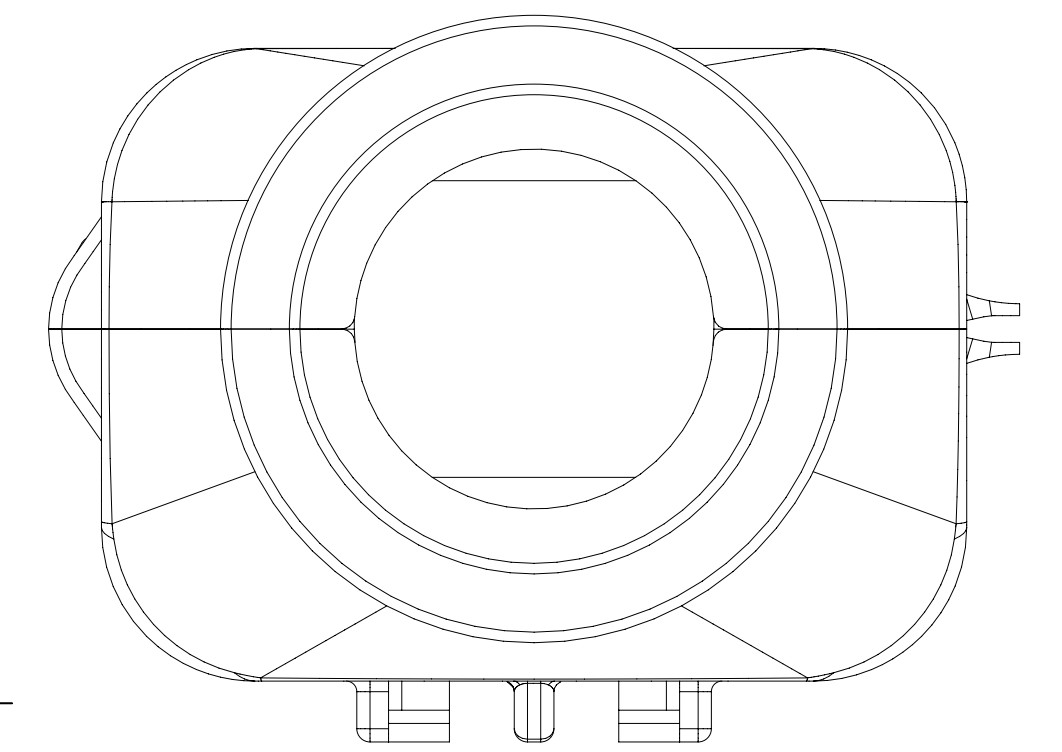
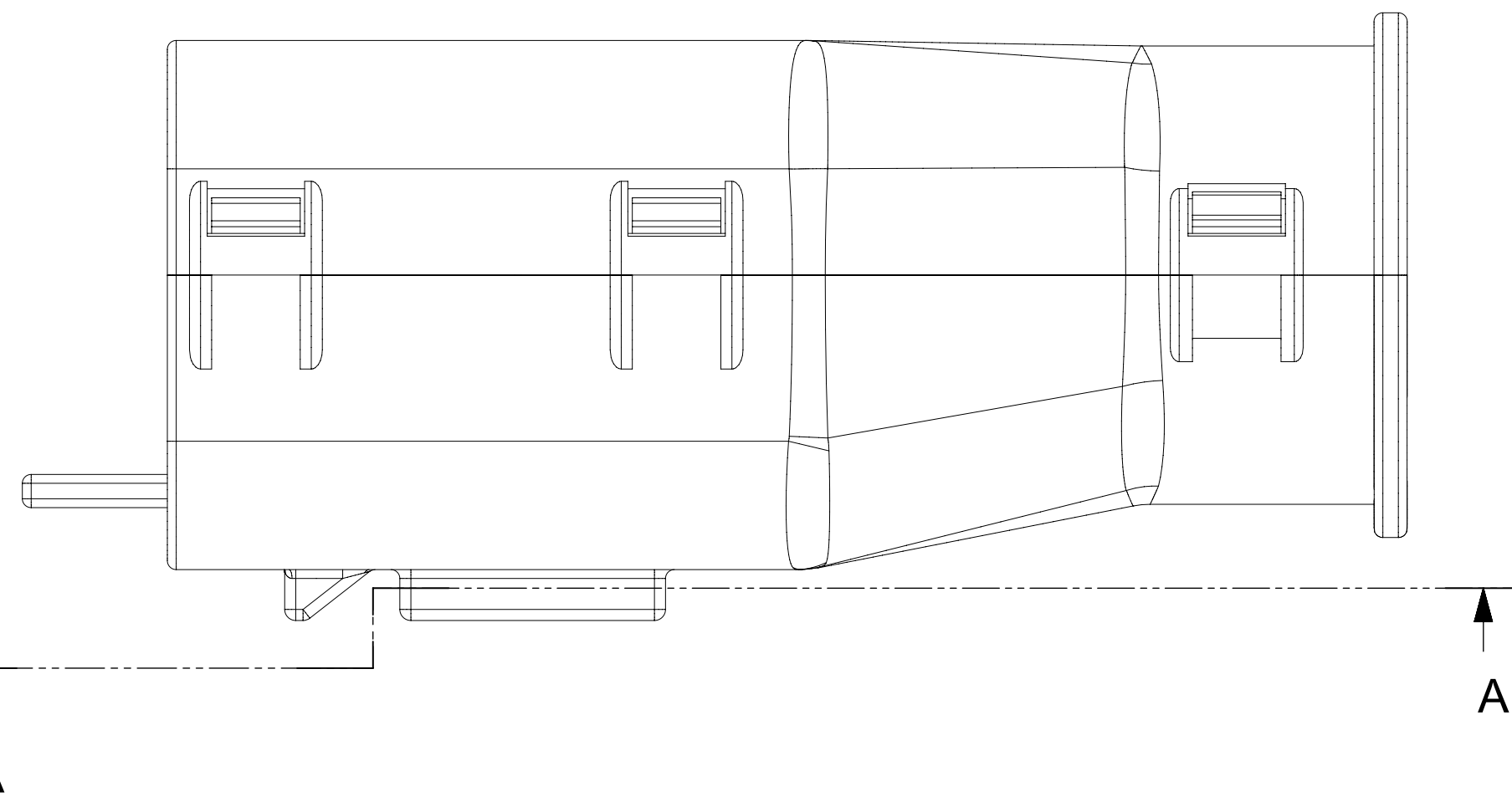
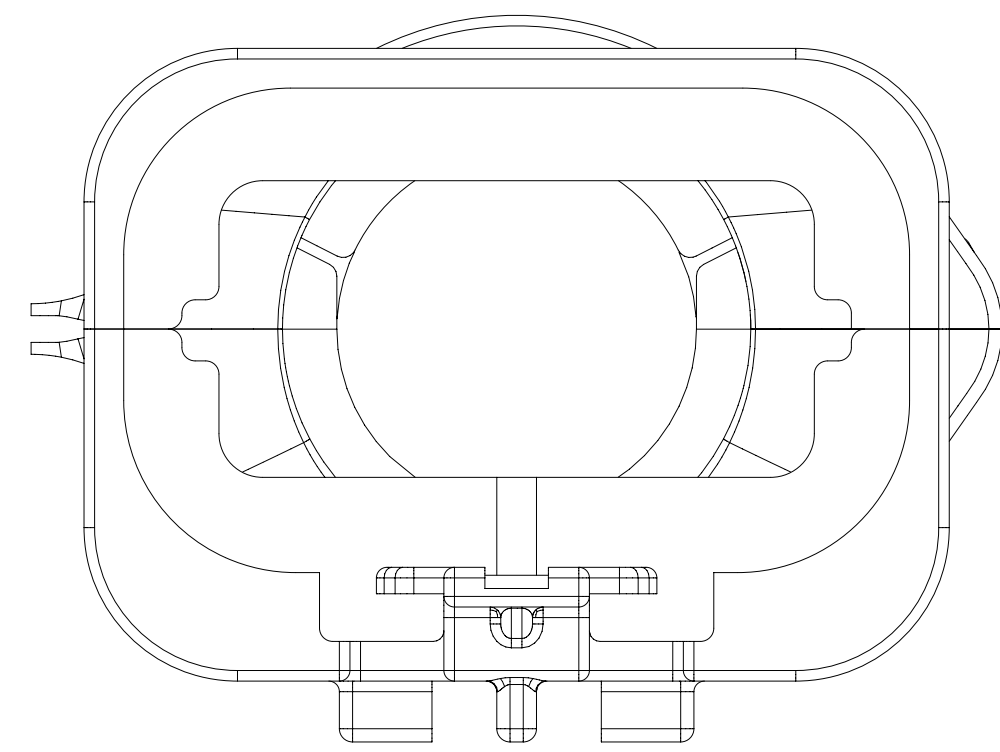
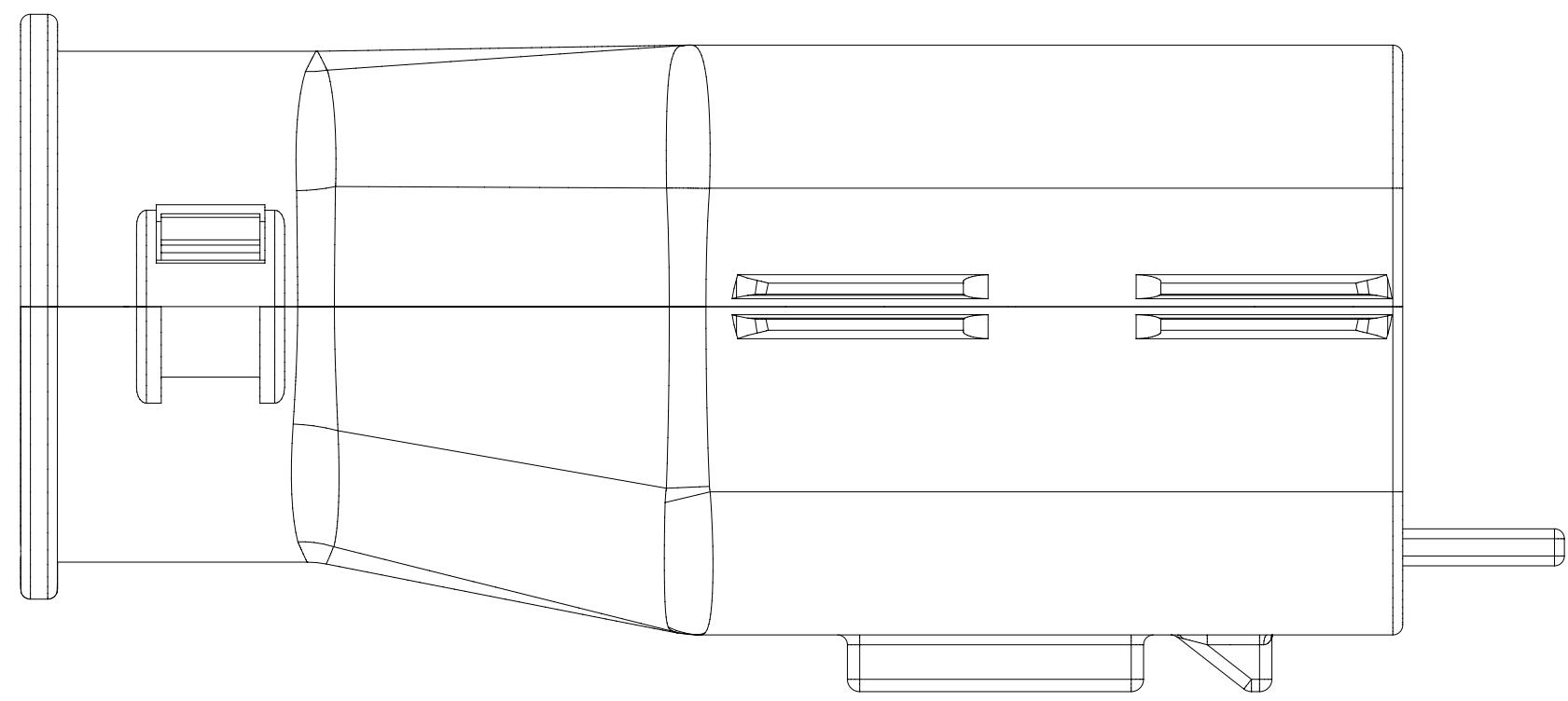
- BACKSHELL FEATURES
- 1 - WITH RIBS
  - 2 - WITHOUT RIBS
  - 3 - 90° ADAPTOR

MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:					
	DIMENSION UNITS	SCALE						
$\frac{E}{A} = 0$	mm	1.5:1	CHK'D: Yu Chao Fu	2023-09-26	SD-33482-0001	PSD	001	E3
$\frac{E}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPR: Elvis Song	2023-09-27	PRODUCT SALES DRAWING			
$\frac{E}{P} = 0$	ANGULAR TOL ± 1°		STATUS: Production		MATERIAL NUMBER			
DIVISIONAL SYMBOLS	4 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	
	3 PLACES ±		THIRD ANGLE PROJECTION		SERIES		CUSTOMER	
	2 PLACES ± 0.100		THIRD ANGLE PROJECTION		A1-SIZE		GENERAL MARKET	
	1 PLACE ± 0.20		THIRD ANGLE PROJECTION		33482		SHEET NUMBER	
0 PLACES ±		THIRD ANGLE PROJECTION		7 OF 11				

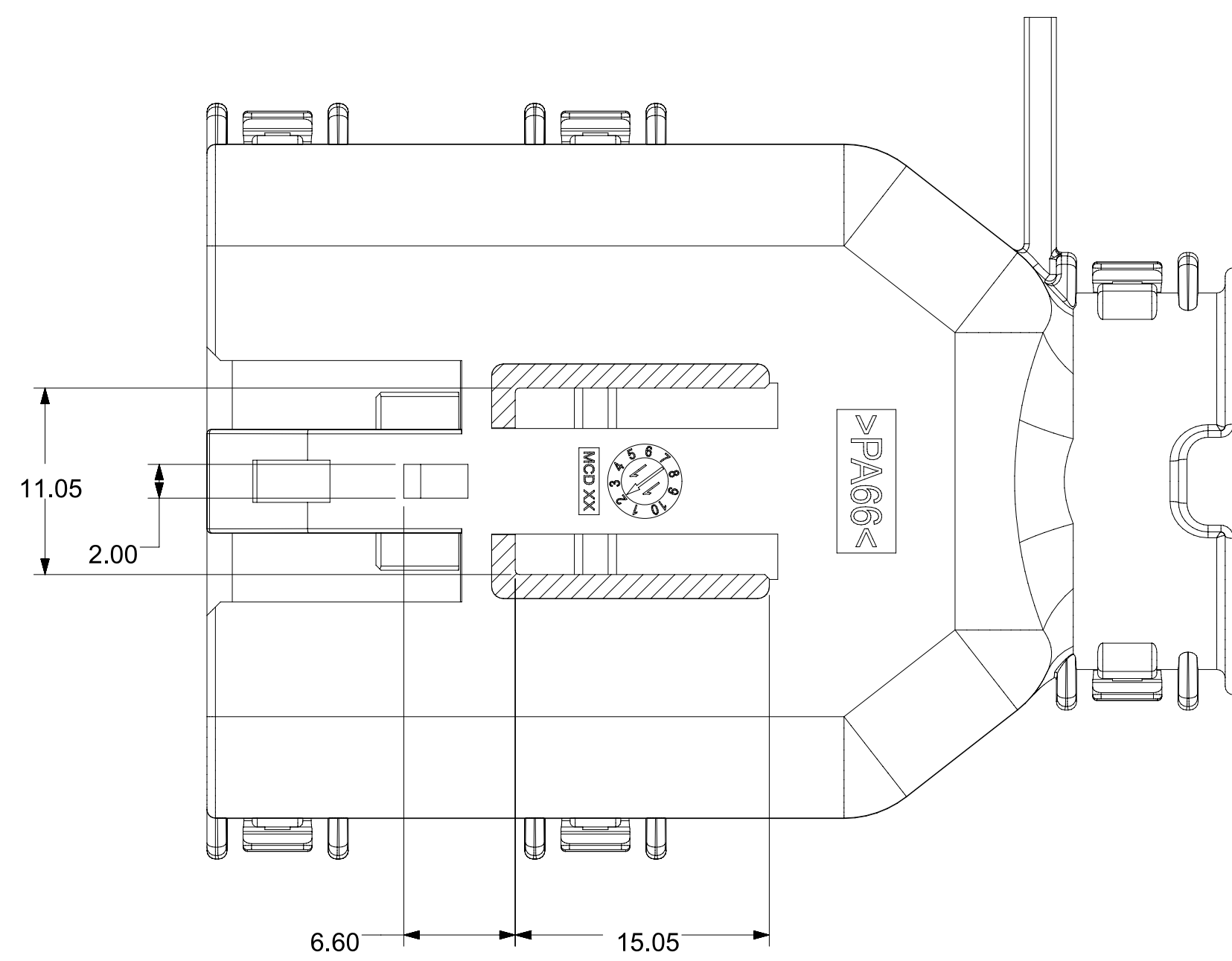
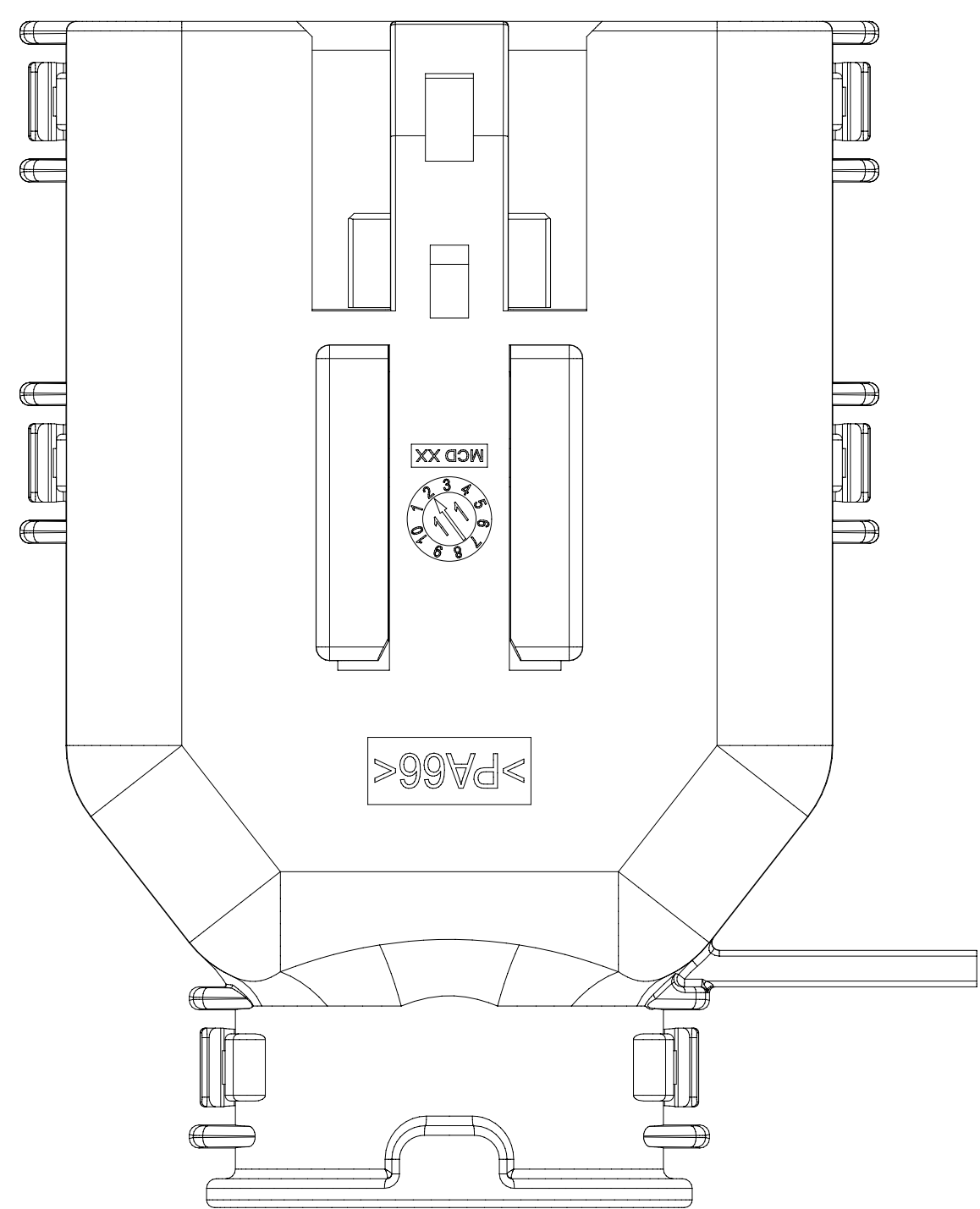
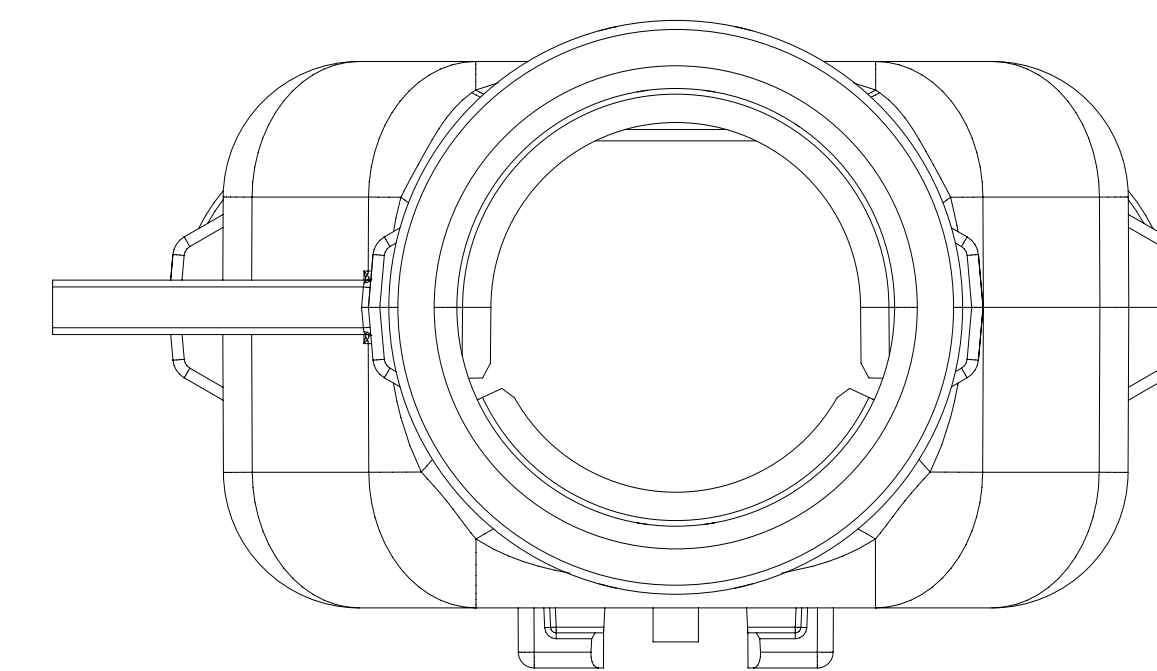
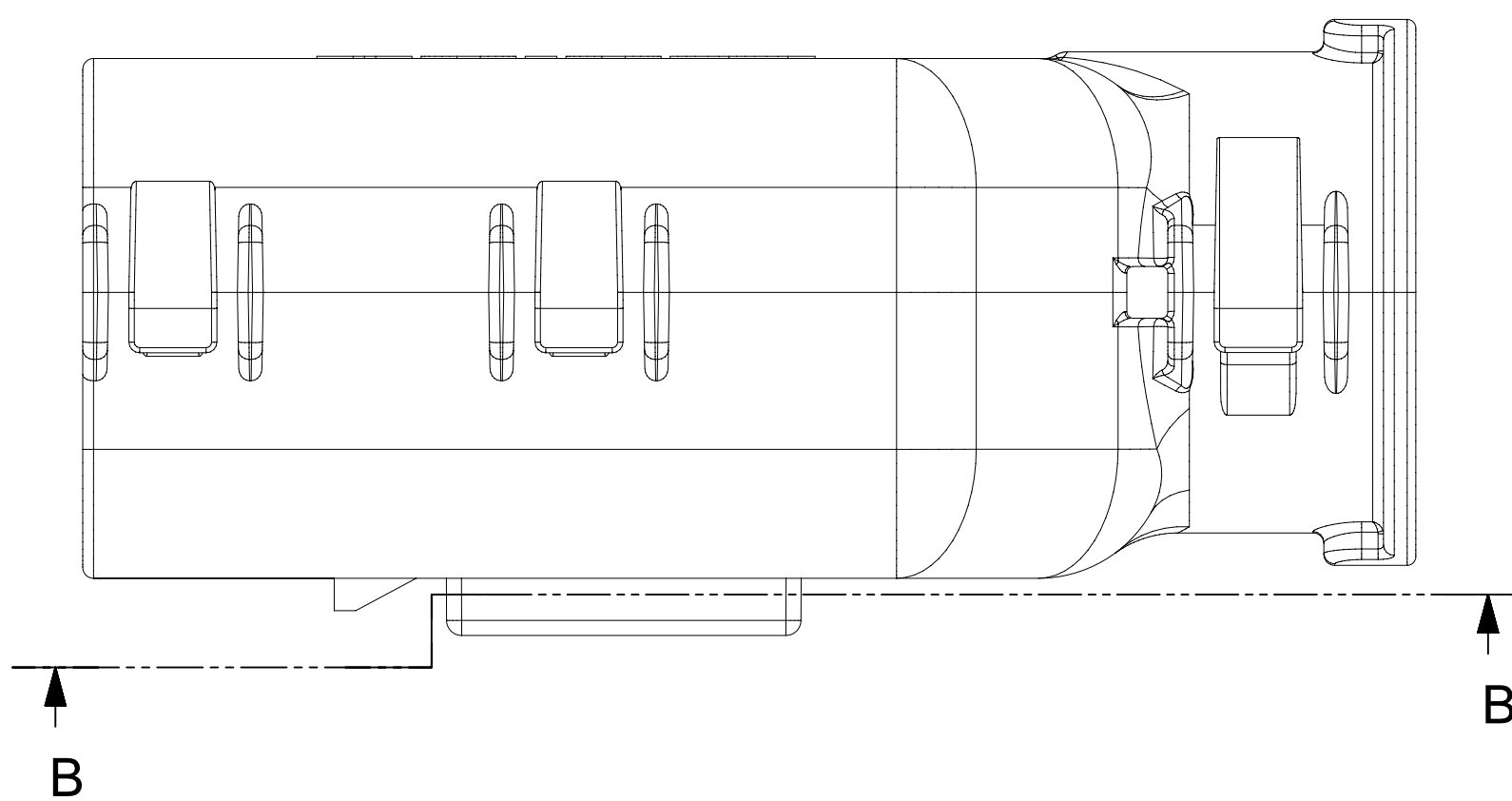
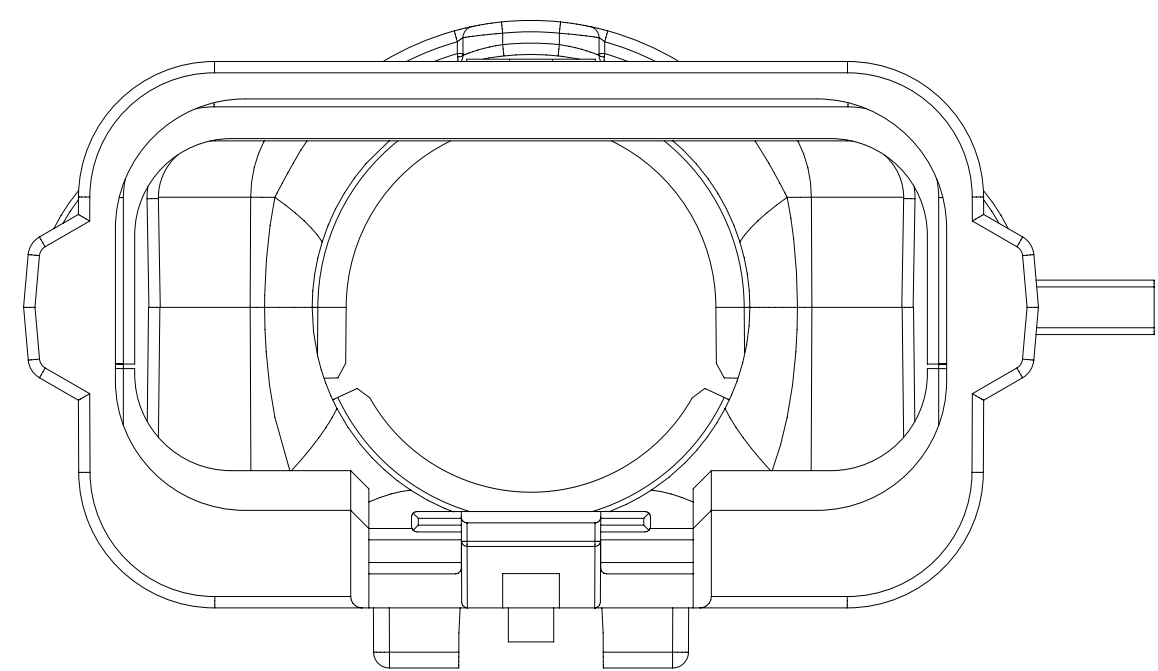
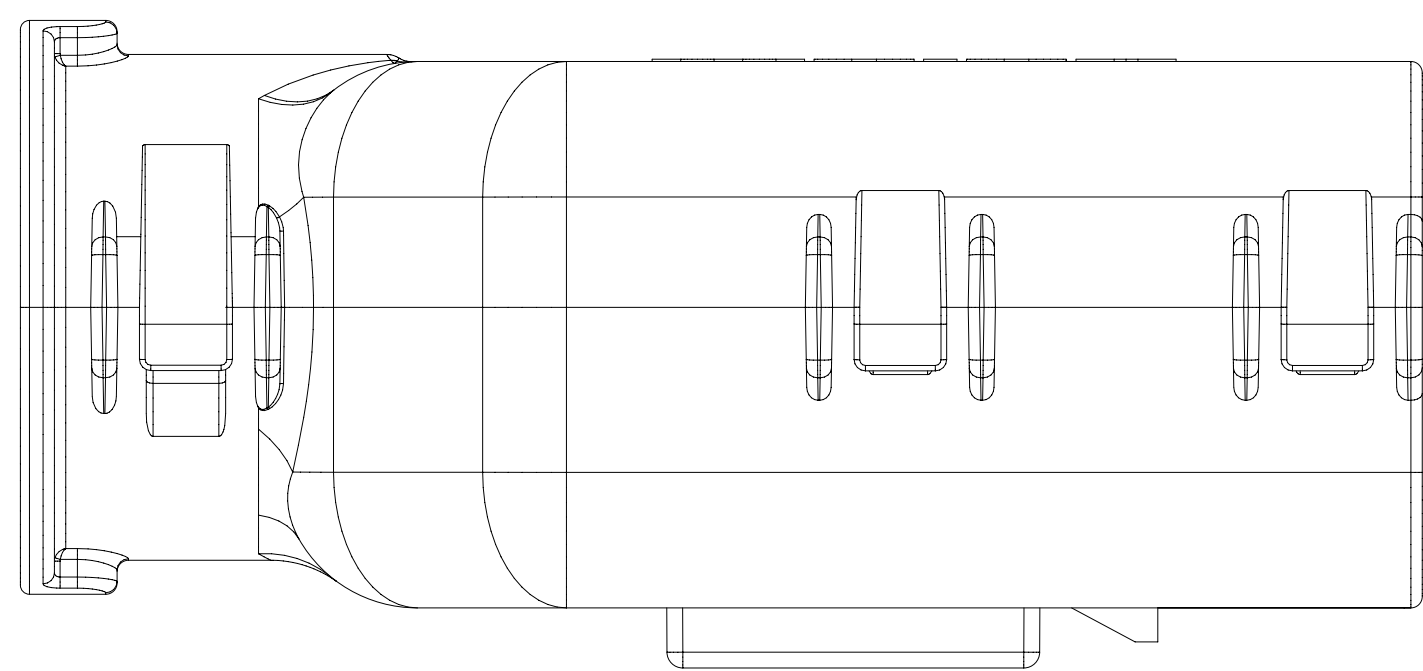
SHEET DESCRIPTION  
SCHLEMMER BACKSHELL



SECTION A-A

<b>FUNCTIONAL SYMBOLS</b> $\frac{E}{A} = 0$ $\frac{E}{C} = 0$ $\frac{E}{P} = 0$ <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS: <b>mm</b> SCALE: <b>3.5:1</b>	CURRENT REV DESC:  STATUS: Production DRWN: Yann Chen CHK'D: Yu Chao Fu APPR: Elvis Song			<b>molex</b>  MX150 BLADE DUAL ROW SEALED ASSEMBLY			
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1^\circ$ 4 PLACES $\pm$ 3 PLACES $\pm$ 2 PLACES $\pm 0.100$ 1 PLACE $\pm 0.20$ 0 PLACES $\pm$	2023-09-26 2023-09-26 2023-09-27			DOCUMENT NUMBER <b>SD-33482-0001</b>	DOC TYPE <b>PSD</b>	DOC PART <b>001</b>	REVISION <b>E3</b>
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING <b>A1-SIZE</b>	SERIES <b>33482</b>	MATERIAL NUMBER <b>GENERAL MARKET</b>	CUSTOMER <b>GENERAL MARKET</b>	SHEET NUMBER <b>8 OF 11</b>	

SHEET DESCRIPTION  
MOLEX BACKSHELL



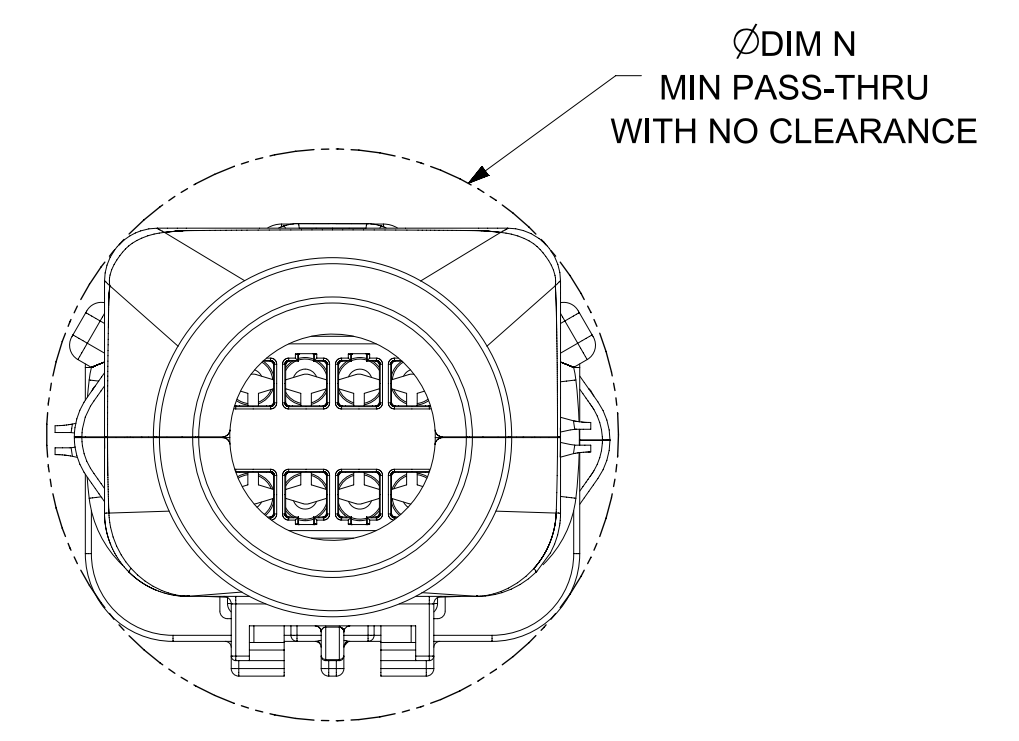
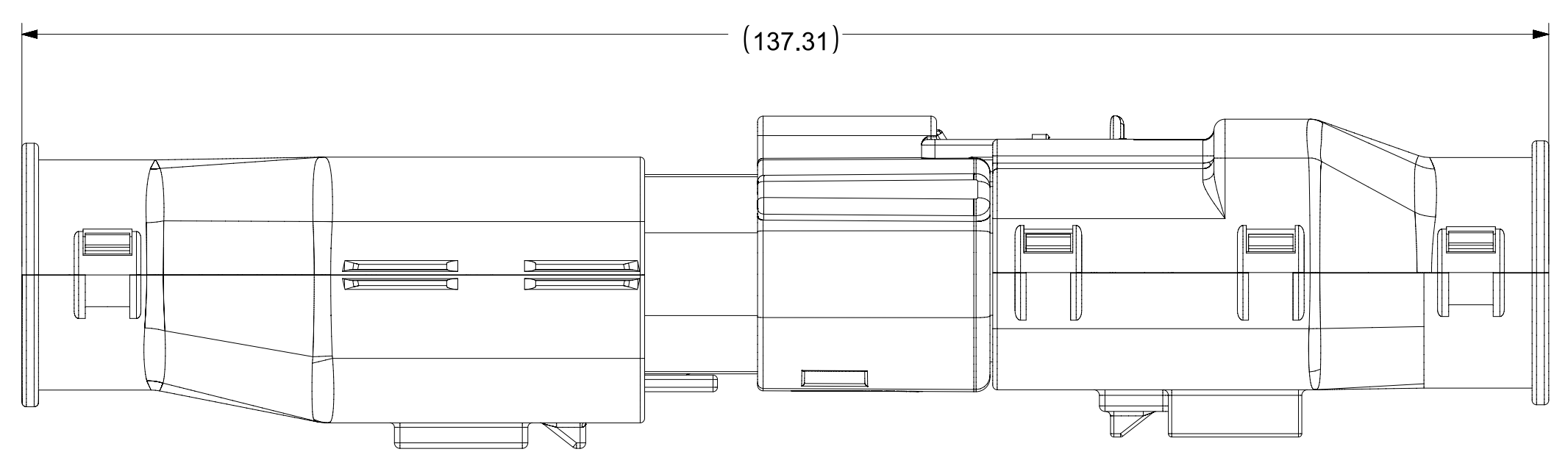
SECTION B-B

<b>FUNCTIONAL SYMBOLS</b> $\frac{E}{A} = 0$ $\frac{E}{C} = 0$ $\frac{E}{D} = 0$ <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		<b>CURRENT REV DESC:</b>  STATUS: Production DRWN: Yann Chen CHK'D: Yu Chao Fu APPR: Elvis Song					
	DIMENSION UNITS	SCALE						
	mm	3:1	SD-33482-0001					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		DOC TYPE   DOC PART   REVISION					
ANGULAR TOL ± 1°		PSD   001   E3						
4 PLACES ±		PRODUCT SALES DRAWING						
3 PLACES ±		SERIES						
2 PLACES ± 0.100		33482						
1 PLACE ± 0.20		MATERIAL NUMBER						
0 PLACES ±		CUSTOMER						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		GENERAL MARKET						
THIRD ANGLE PROJECTION		SHEET NUMBER						
		9 OF 11						
DRAWING		A1-SIZE						

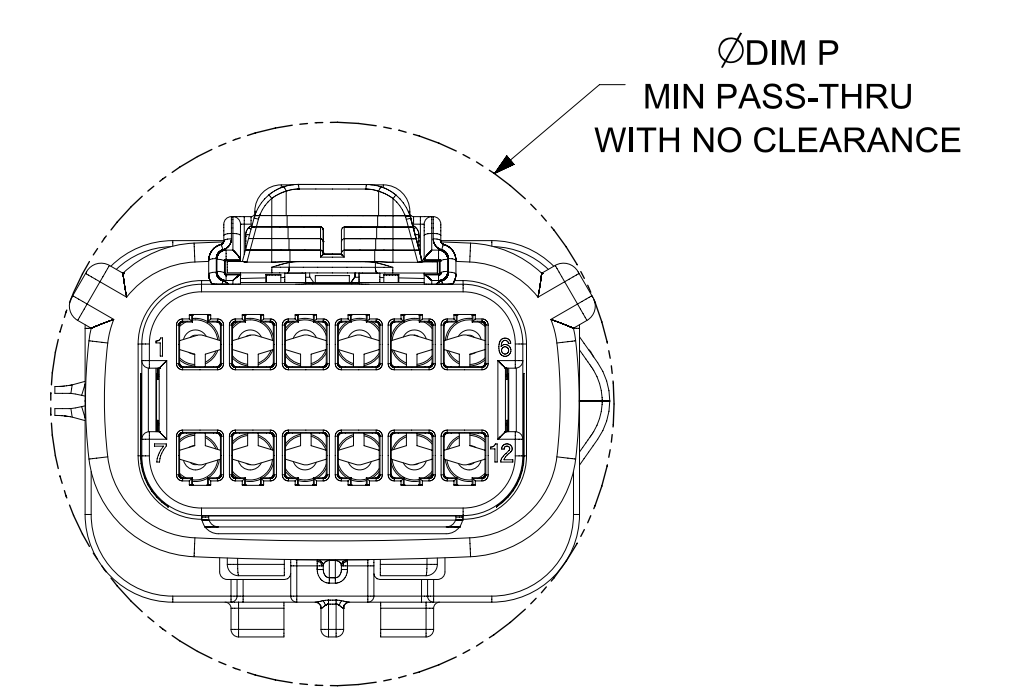
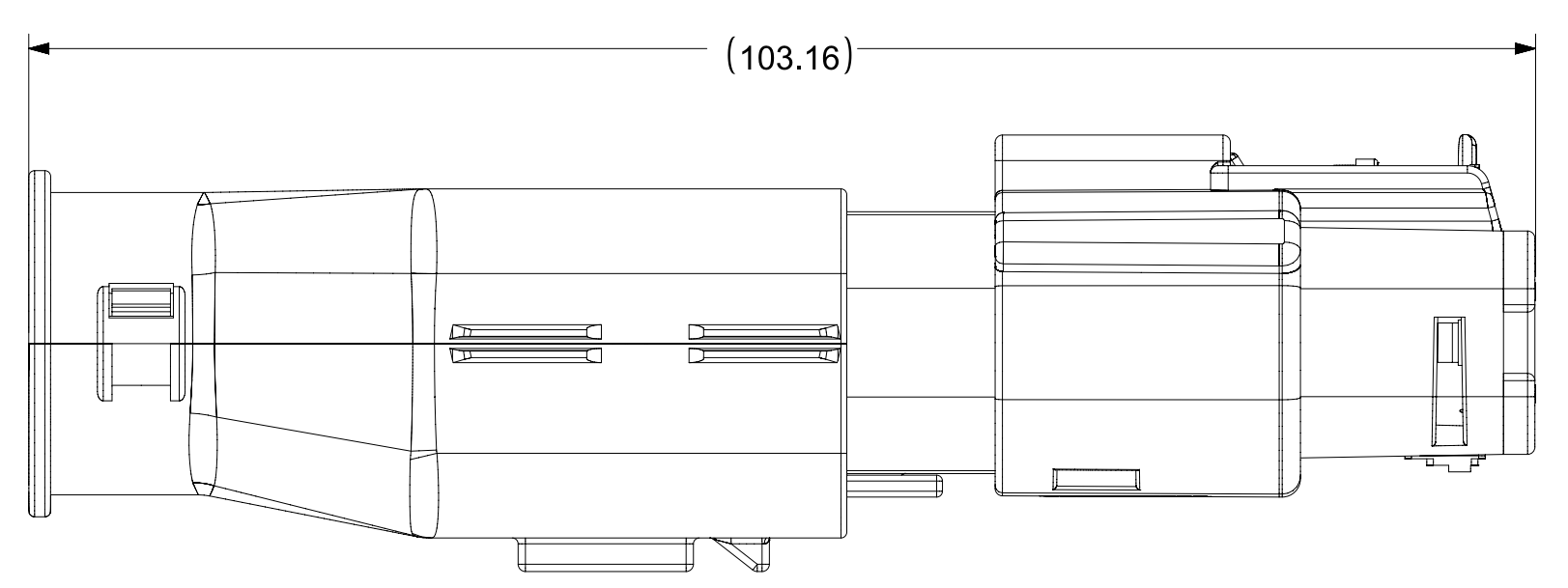


SHEET DESCRIPTION  
SCHLEMMER BACKSHELL CONFIGURATIONS

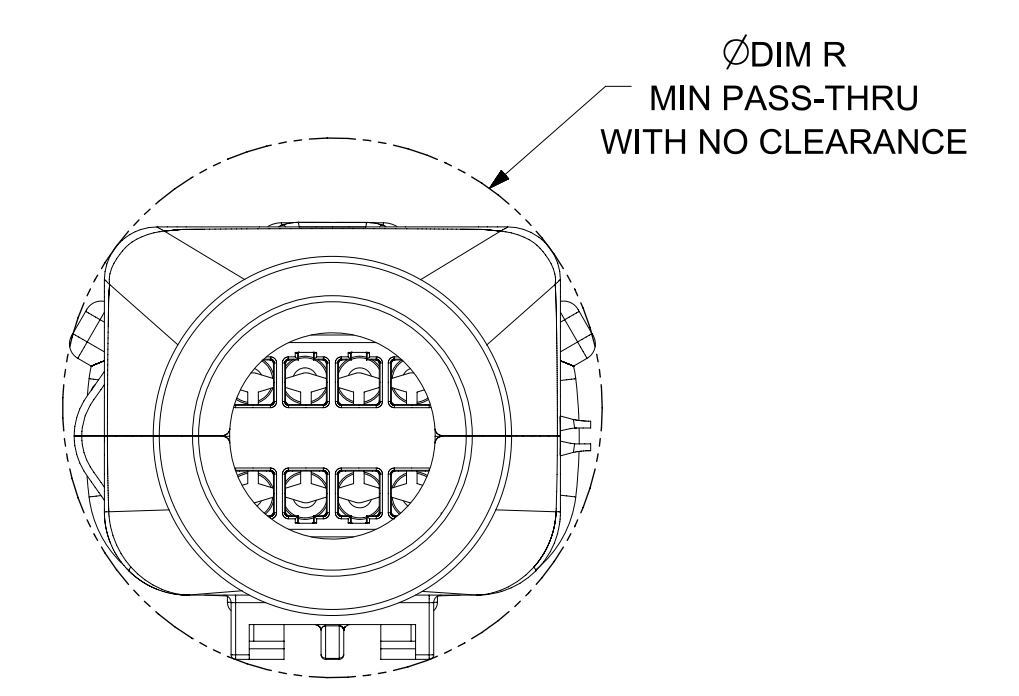
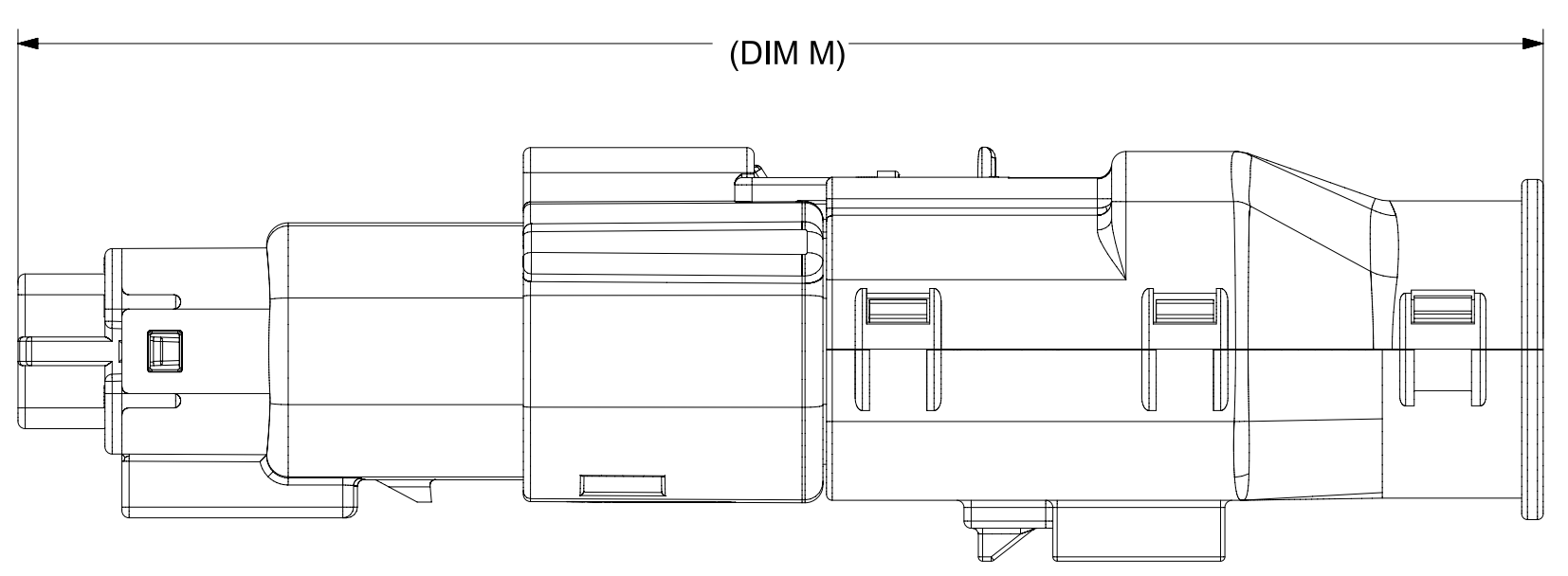
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	T
2X3	STANDARD	STANDARD	106.83	32.75	31.75	29.00	29.50
	LENGTHENED		108.71				
2X4	STANDARD	STANDARD	106.83	33.50	31.90	30.70	30.70
2X6	STANDARD	STANDARD	106.83	37.84	37.27	35.83	36.83



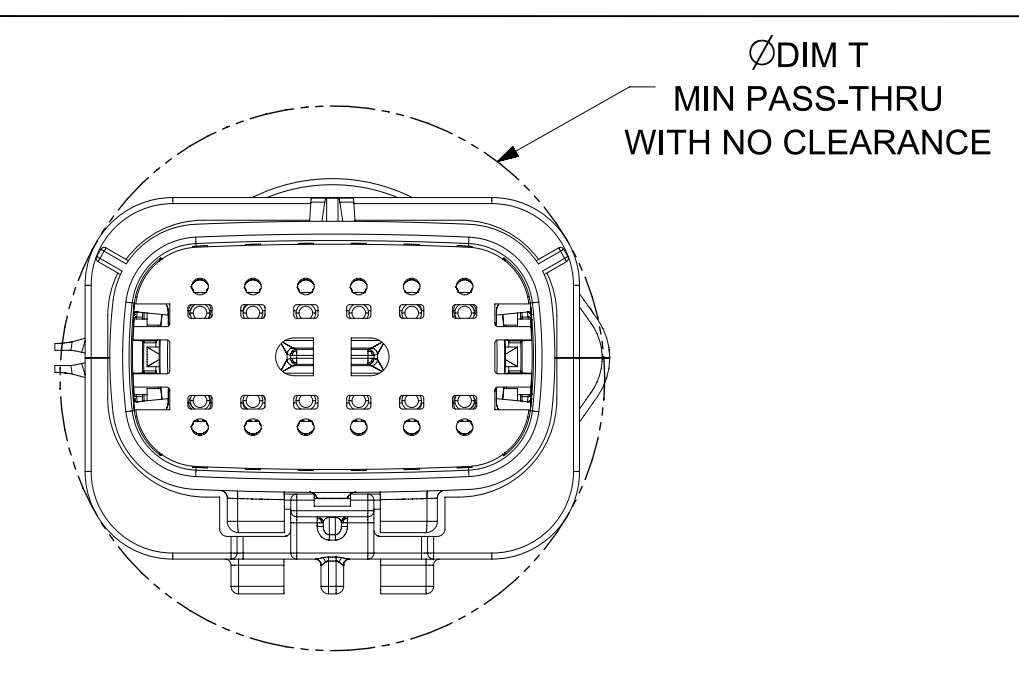
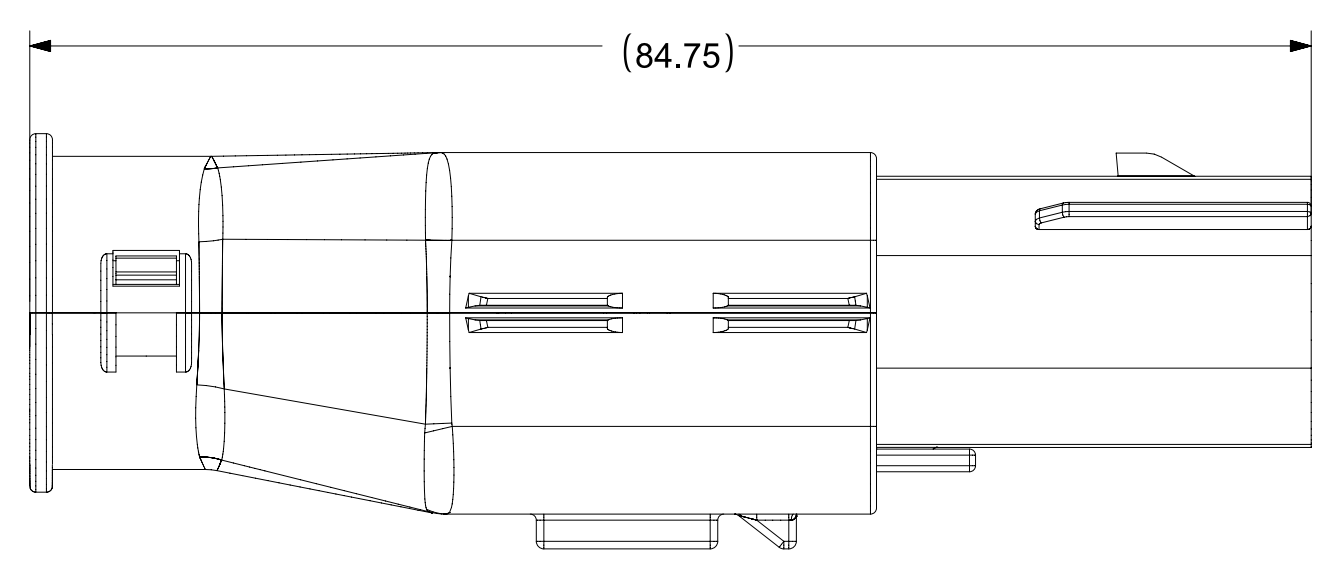
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

<b>FUNCTIONAL SYMBOLS</b> $\frac{E}{A} = 0$ $\frac{E}{C} = 0$ $\frac{E}{P} = 0$ <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	DIMENSION UNITS: <b>mm</b>	SCALE: <b>2:1</b>	CURRENT REV DESC:			
	GENERAL TOLERANCES (UNLESS SPECIFIED)	STATUS: Production			2023-09-26		
	ANGULAR TOL ± 1'	DRWN: Yann Chen			2023-09-26		
	4 PLACES ±	CHK'D: Yu Chao Fu			2023-09-27		
3 PLACES ±	APPR: Elvis Song			2023-09-27			
2 PLACES ± 0.100	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION			DRAWING: <b>A1-SIZE</b>	SERIES: <b>33482</b>	DOCUMENT NUMBER: <b>SD-33482-0001</b>
1 PLACE ± 0.20		MATERIAL NUMBER			CUSTOMER: <b>GENERAL MARKET</b>	DOC TYPE: <b>PSD</b>	
0 PLACES ±		SHEET NUMBER: <b>10 OF 11</b>			DOC PART: <b>001</b>	REVISION: <b>E3</b>	

**molex**

MX150 BLADE  
DUAL ROW SEALED ASSEMBLY

PRODUCT SALES DRAWING

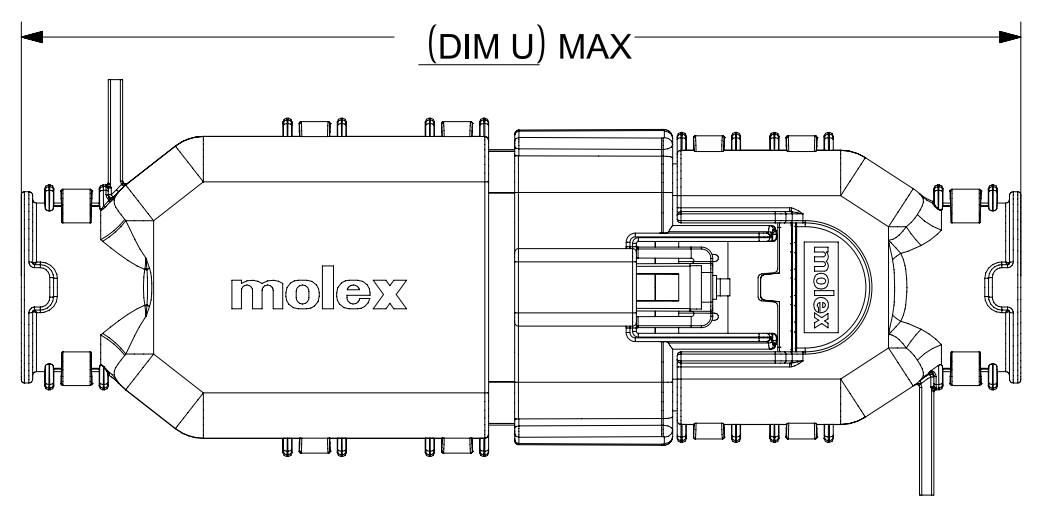
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DRAWING: **A1-SIZE** | SERIES: **33482**

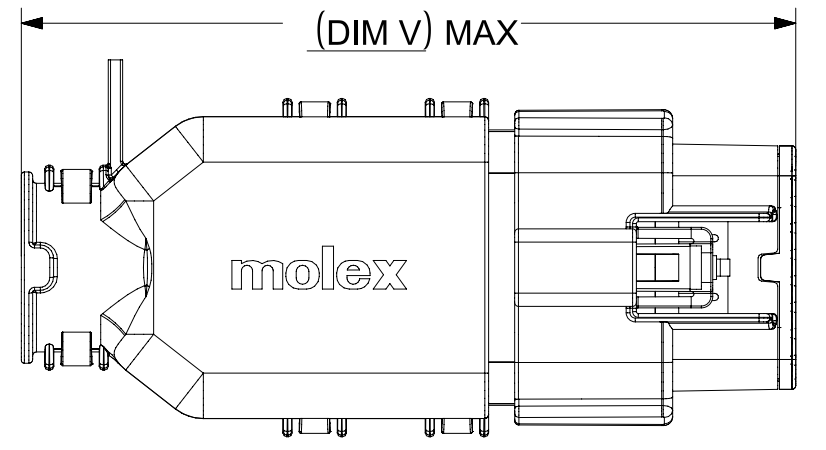
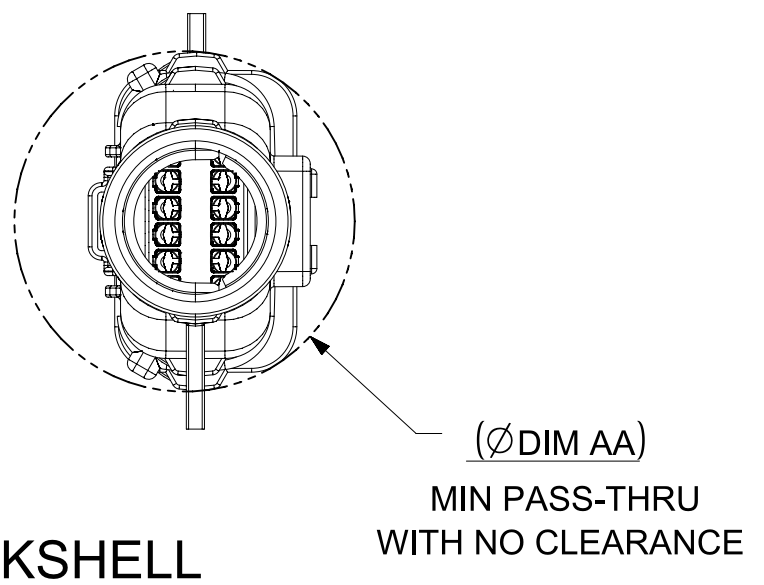
CUSTOMER: **GENERAL MARKET** | SHEET NUMBER: **10 OF 11**

SHEET DESCRIPTION  
MOLEX BACKSHELL CONFIGURATIONS

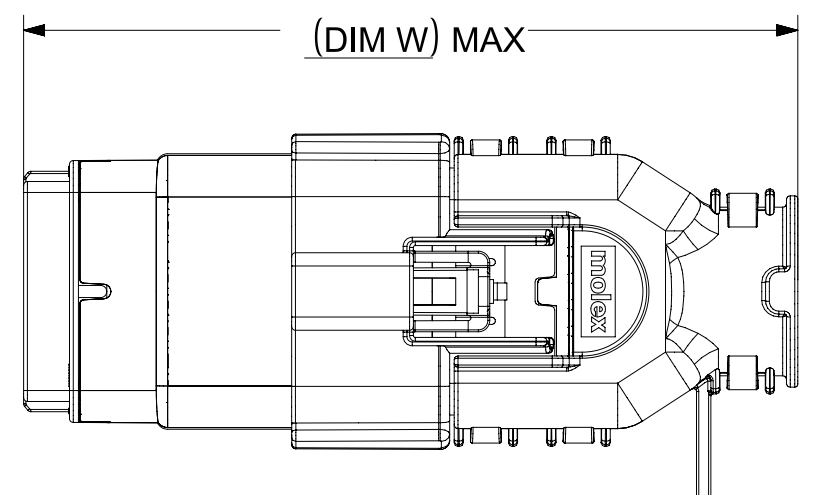
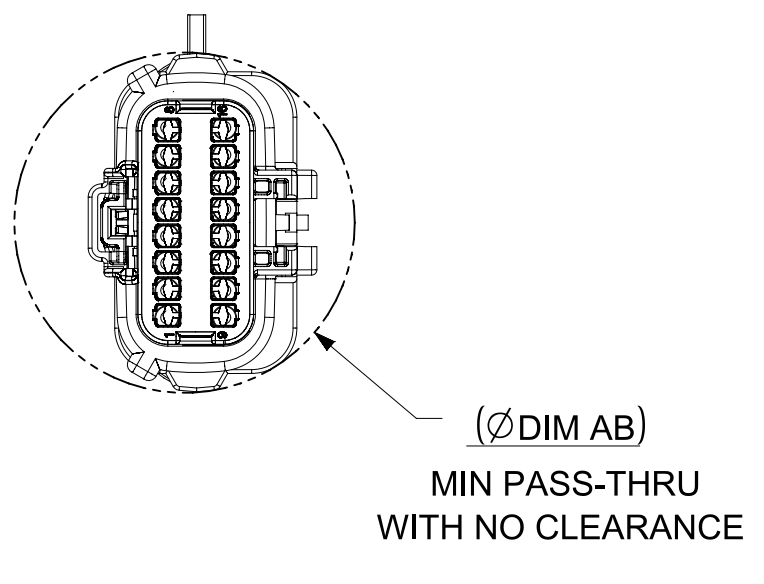
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS									
			U	V	W	X	Y	AA	AB	AC	AD	AE
2X4	STANDARD	STANDARD	115.24	94.36	93.93	75.62	32.10	32.93	32.54	32.85	31.76	56.81
2X8	STANDARD	STANDARD	132.49	102.81	102.73	84.07	36.10	45.44	45.44	42.65	45.44	68.18
2X10	STANDARD	STANDARD	132.49	102.81	102.73	84.07	36.10	45.44	45.44	42.65	45.44	68.18



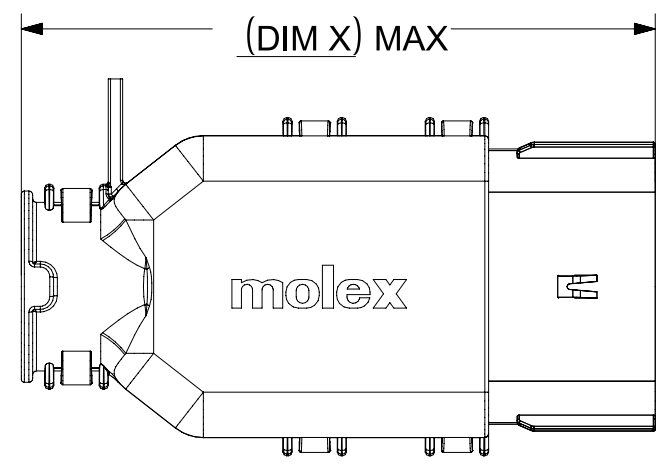
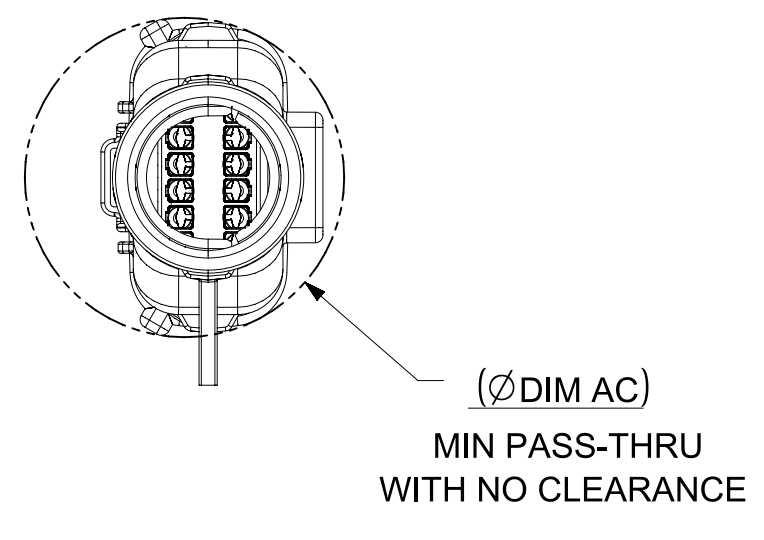
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



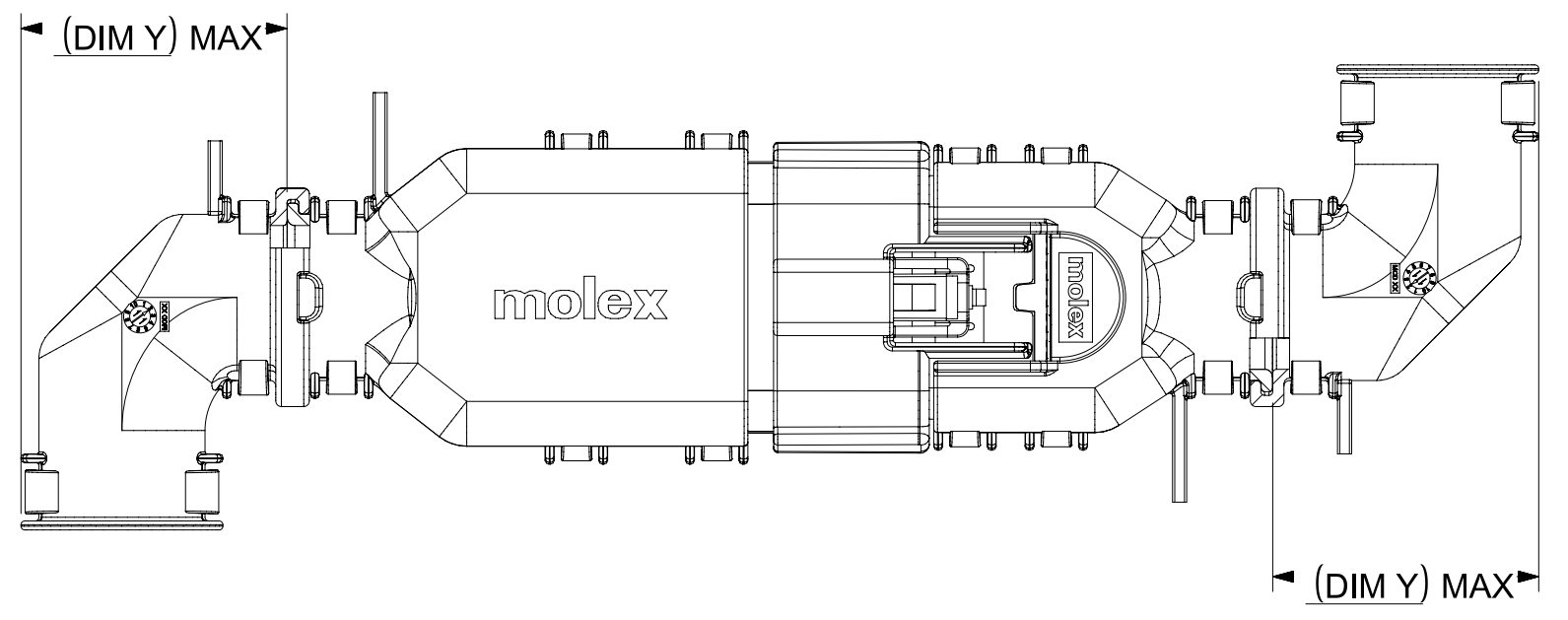
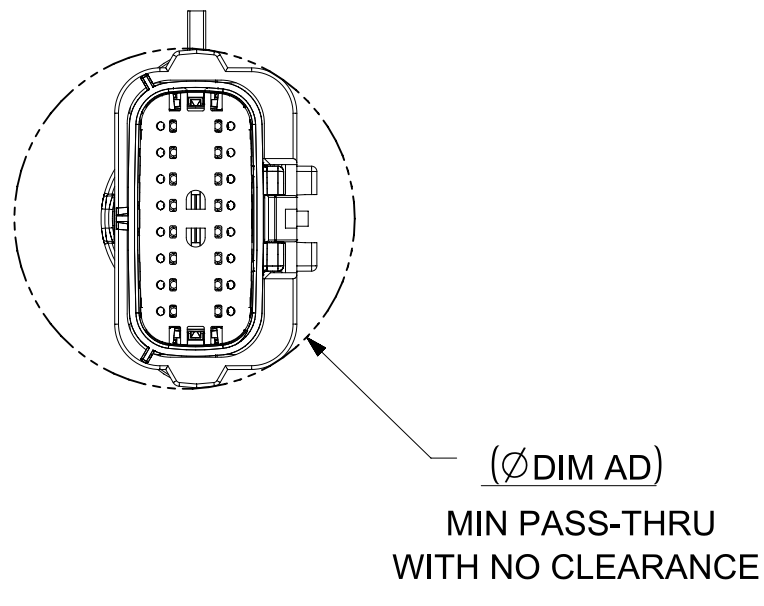
OVERALL MATED SYSTEM WITH BLADE BACKSHELL



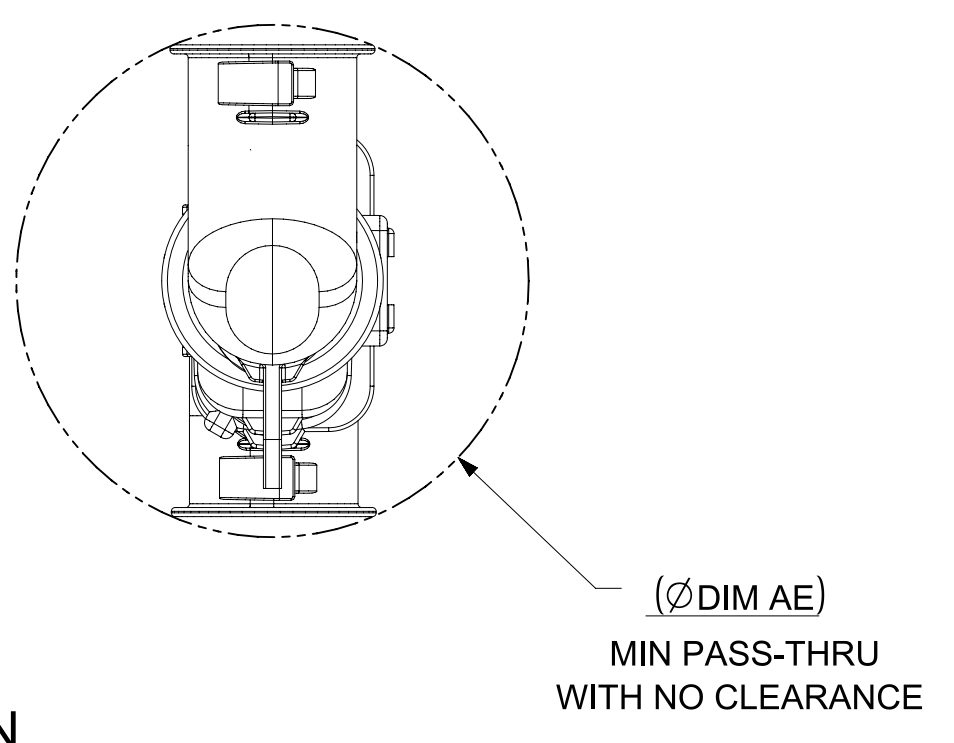
OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL



ADD THE VALUE OF 'Y' TO THE TOTAL DIMENSION WHENEVER ADAPTOR IS USED



<b>FUNCTIONAL SYMBOLS</b> $\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$ <b>DIVISIONAL SYMBOLS</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		 MX150 BLADE DUAL ROW SEALED ASSEMBLY PRODUCT SALES DRAWING
	DIMENSION UNITS	SCALE	STATUS: Production		
	mm	1:1	DRWN: Yann Chen		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: Yu Chao Fu		
ANGULAR TOL ± 1'		APPR: Elvis Song		2023-09-26	DOCUMENT NUMBER
4 PLACES ±	2023-09-26		SD-33482-0001	DOC TYPE	DOC PART
3 PLACES ±	2023-09-27		PSD	001	REVISION
2 PLACES ± 0.100	THIRD ANGLE PROJECTION		A1-SIZE		33482
1 PLACE ± 0.20	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES		MATERIAL NUMBER
0 PLACES ±	THIRD ANGLE PROJECTION		DRAWING		CUSTOMER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		11 OF 11	



产品编号 : [349511631](#)

Product Description : MX150 90° Backshell Adapter for Female Sealed Connector Assembly, 16 or 20 Circuit, with Rib

系列号 : 34951

状态 : Active

Product Category : Connector Housings



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## 文件和资源

### 图纸

[图纸 349511631\\_sd.pdf](#)

[包装设计图 349509000-000.pdf](#)

### 3D 模型和设计文件

[3D模型 349511631\\_stp.zip](#)

### 规格

[应用规格 AS-34951-001-001.pdf](#)

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## 产物环境合规

### 合规

GADSL/IMDS	Compliant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### 多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

### 多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

欧盟 RoHS 合格证书

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## 产品详情

### 常规

状态	活动
类别	Connector Housings
系列	34951
说明	MX150 90° Backshell Adapter for Female Sealed Connector Assembly, 16 or 20 Circuit, with Rib
应用	Power, Wire-to-Wire
个评论	With Rib
产品系列	MX150 Sealed and Unsealed Connector System
产品名称	MX150
UPC	191128782708

### 物理

电路数（最多）	16, 20
颜色-树脂	黑色
性别	不适用
符合灼热丝规范	否
锁定插接部位	是
材料 - 树脂	Nylon
净重	7.075/g
行数	0
包装形式	Bag
面板安装式	否
间距 - 插配接口	不适用
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +125° C

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可连接使用部件

描述	产品编号
MX150 Mat-Sealed Dual Row Female Connector Assemblies	<u>33472</u>

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This document was generated on Dec 11, 2023

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