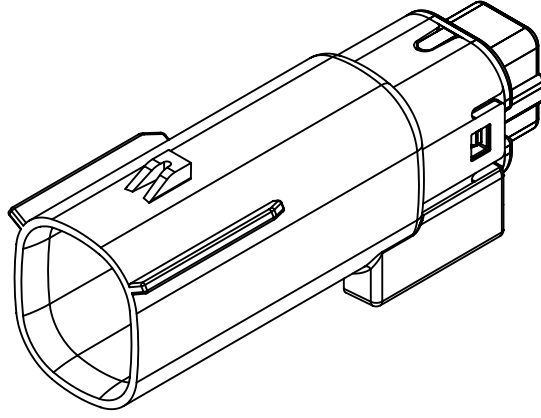
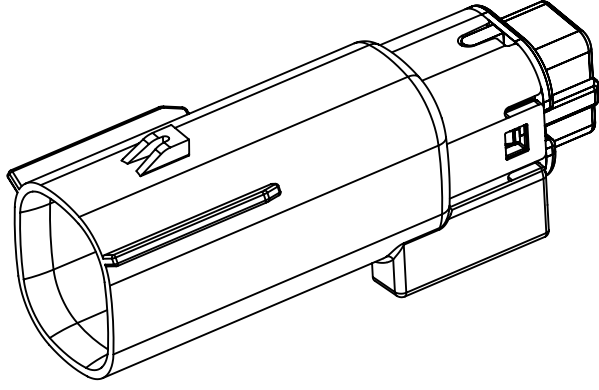
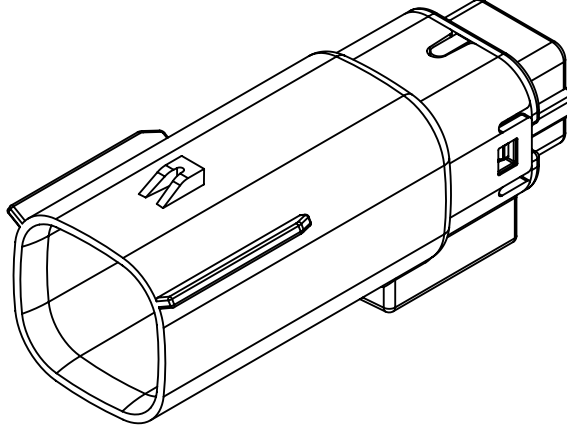
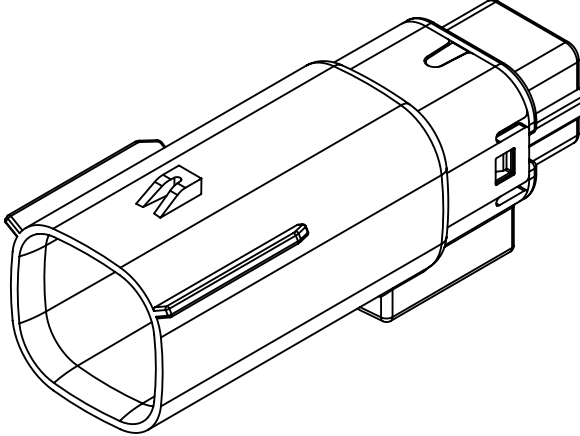
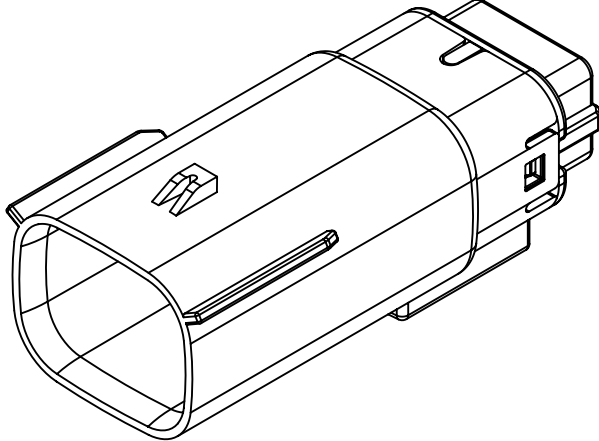
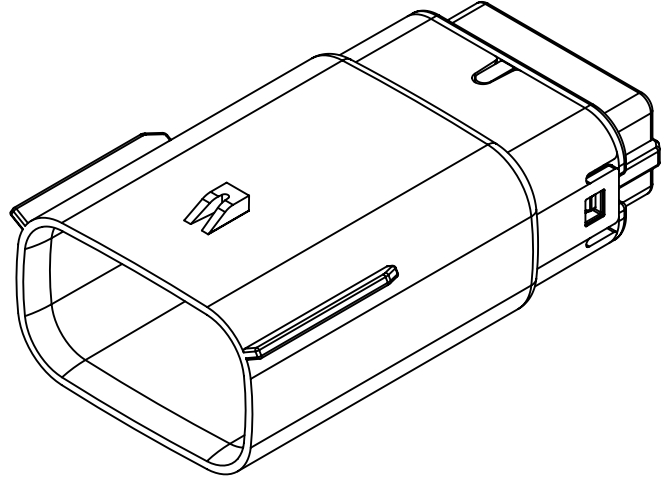
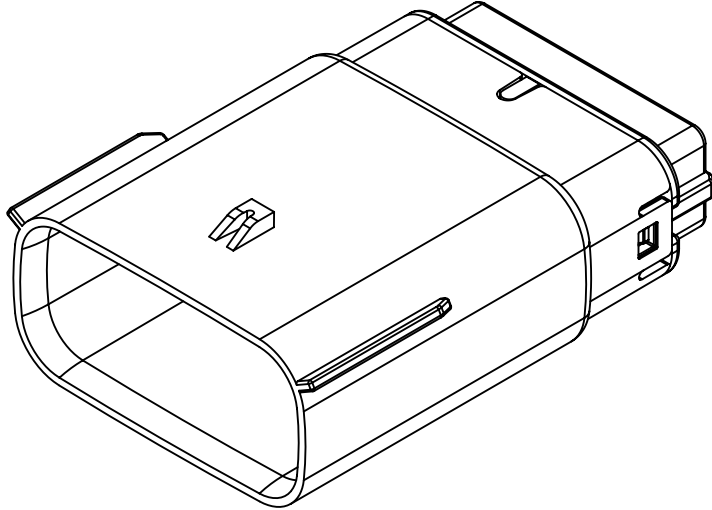
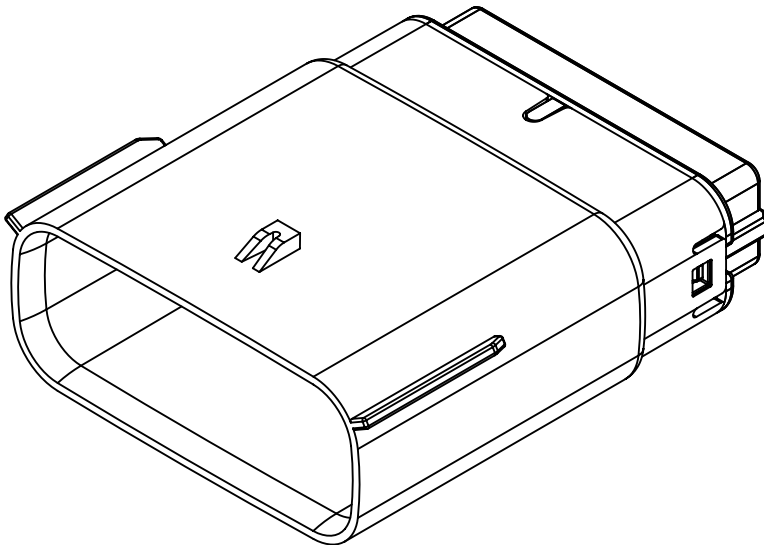
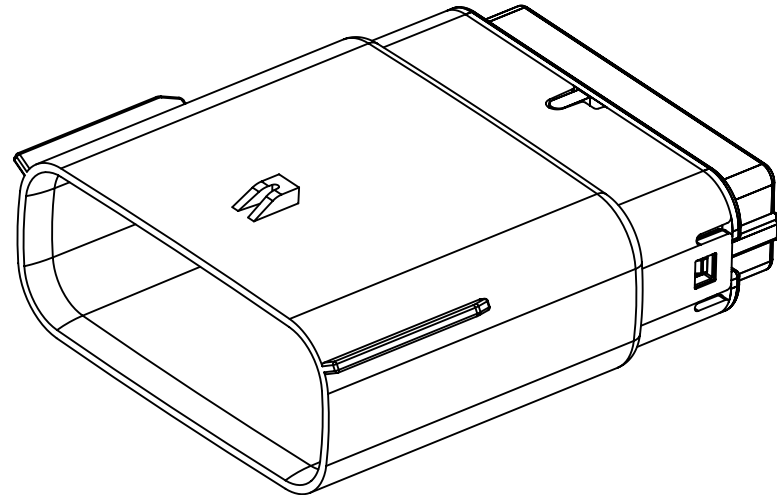
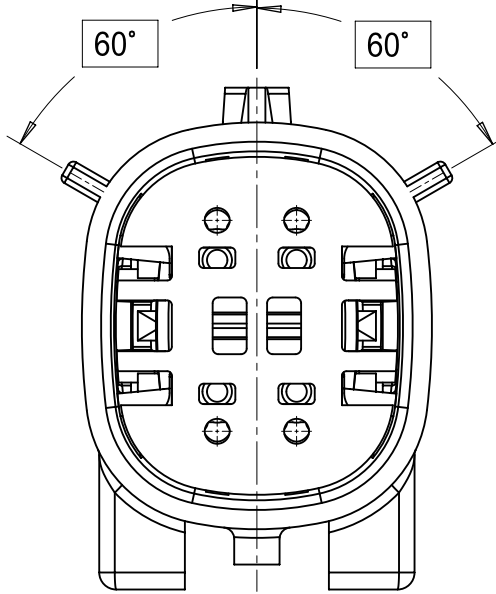
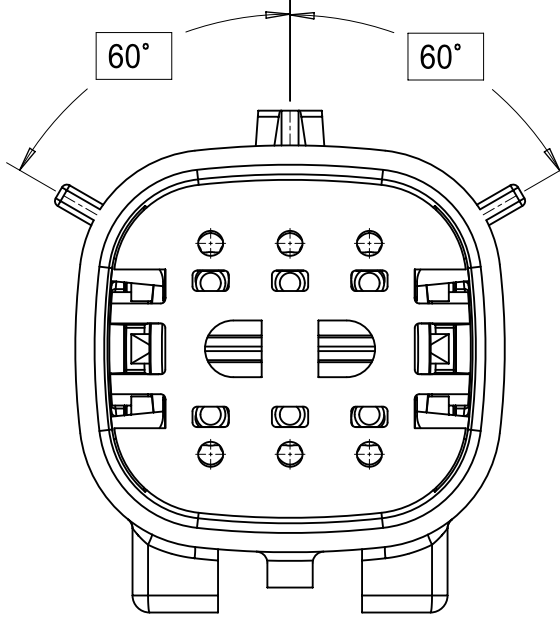
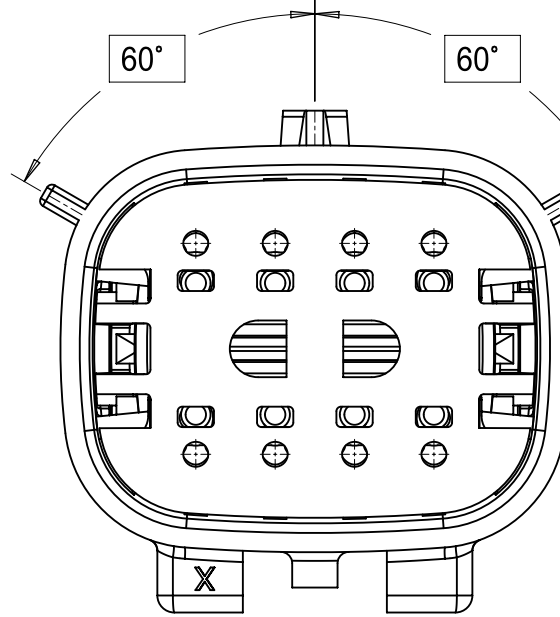
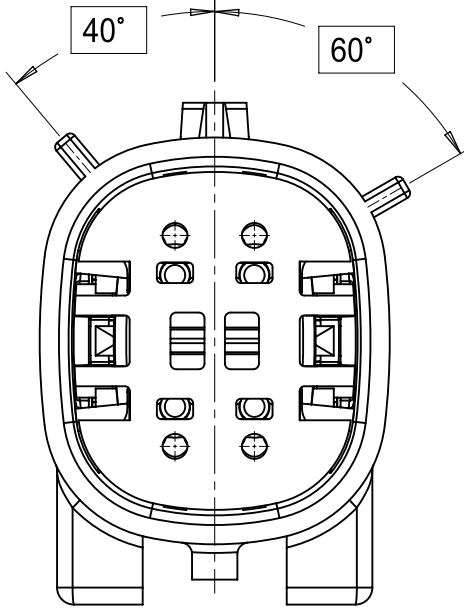
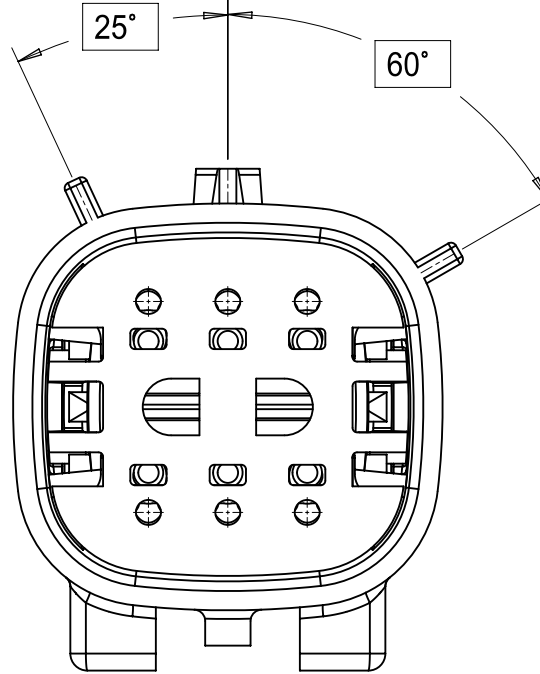
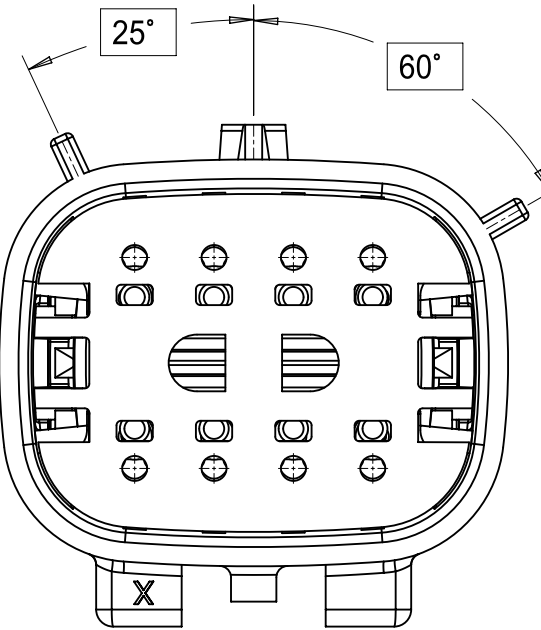
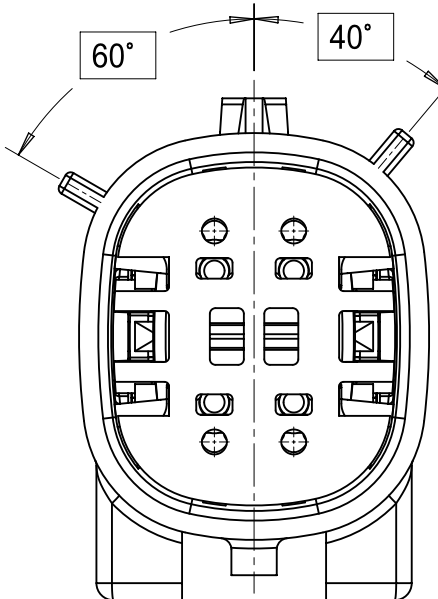
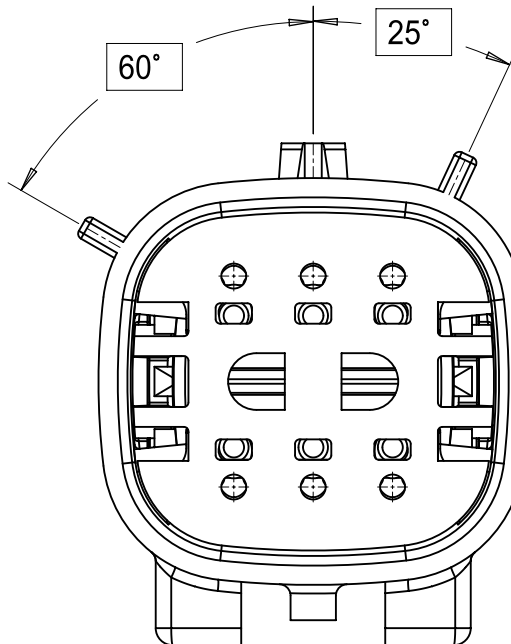
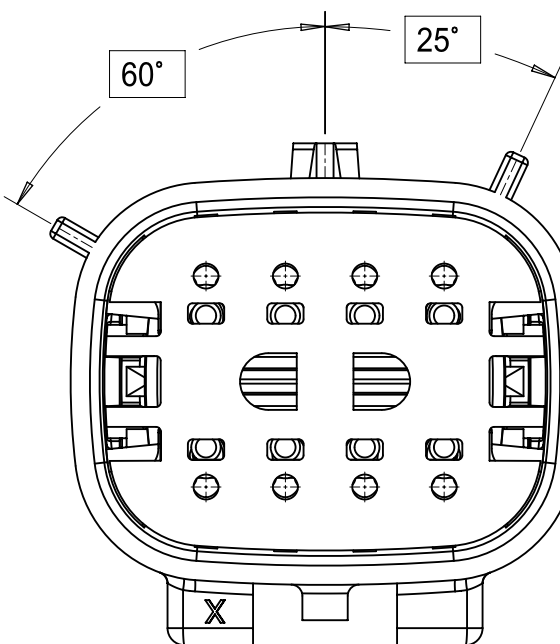
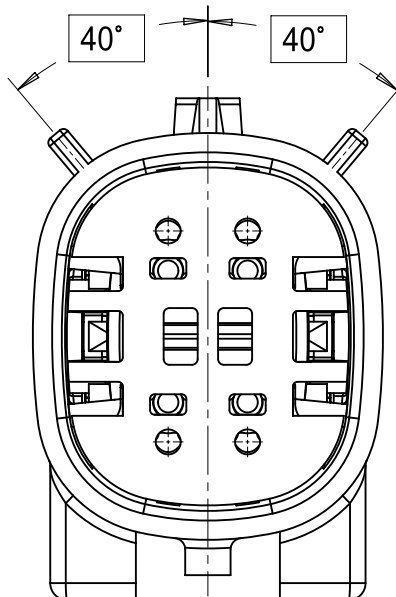
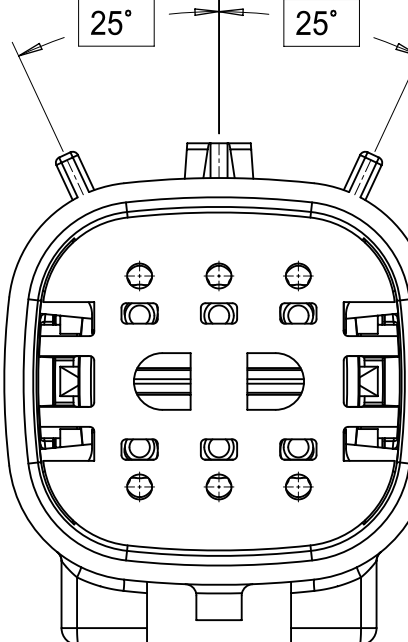
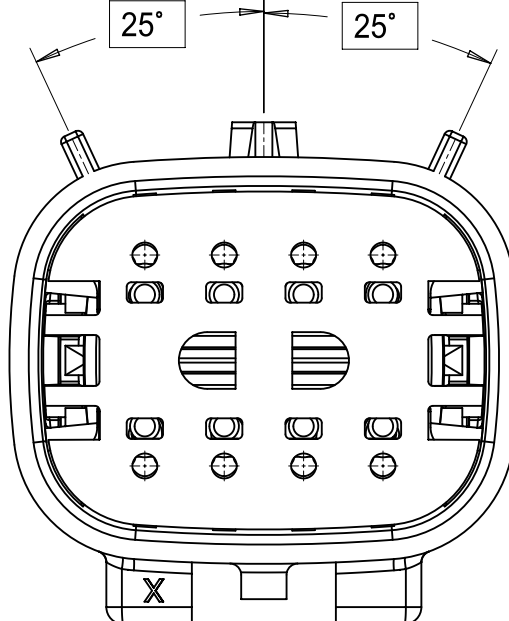
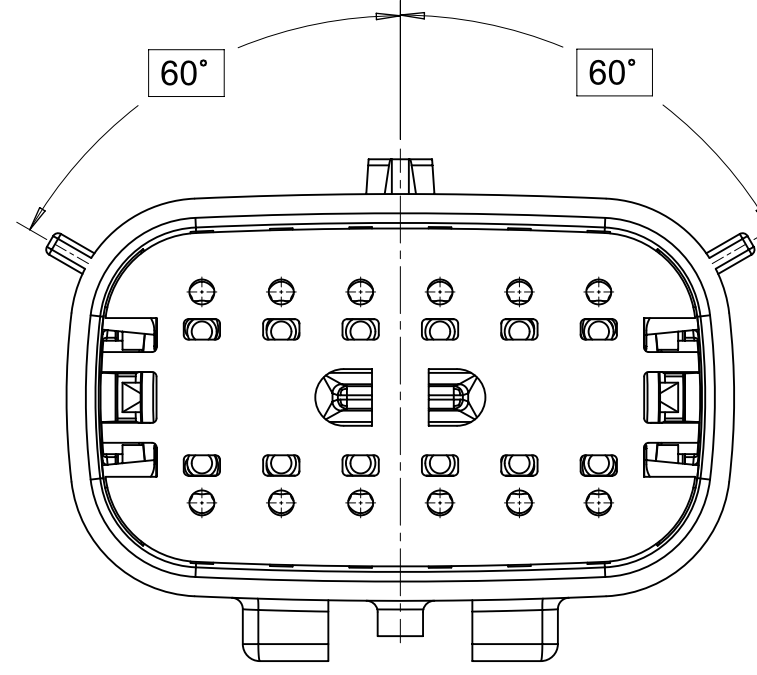
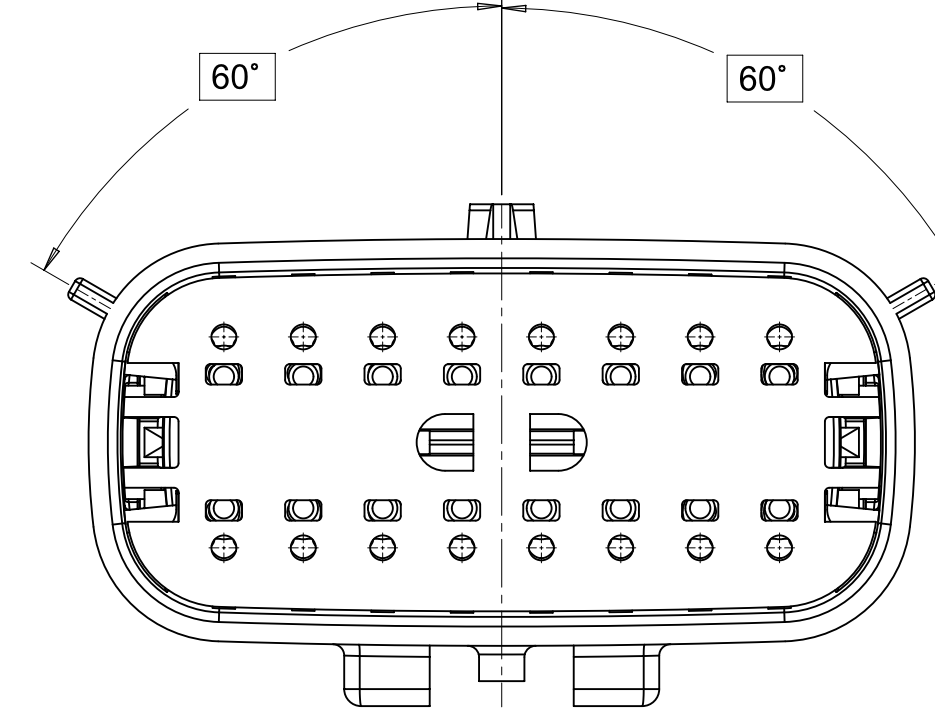
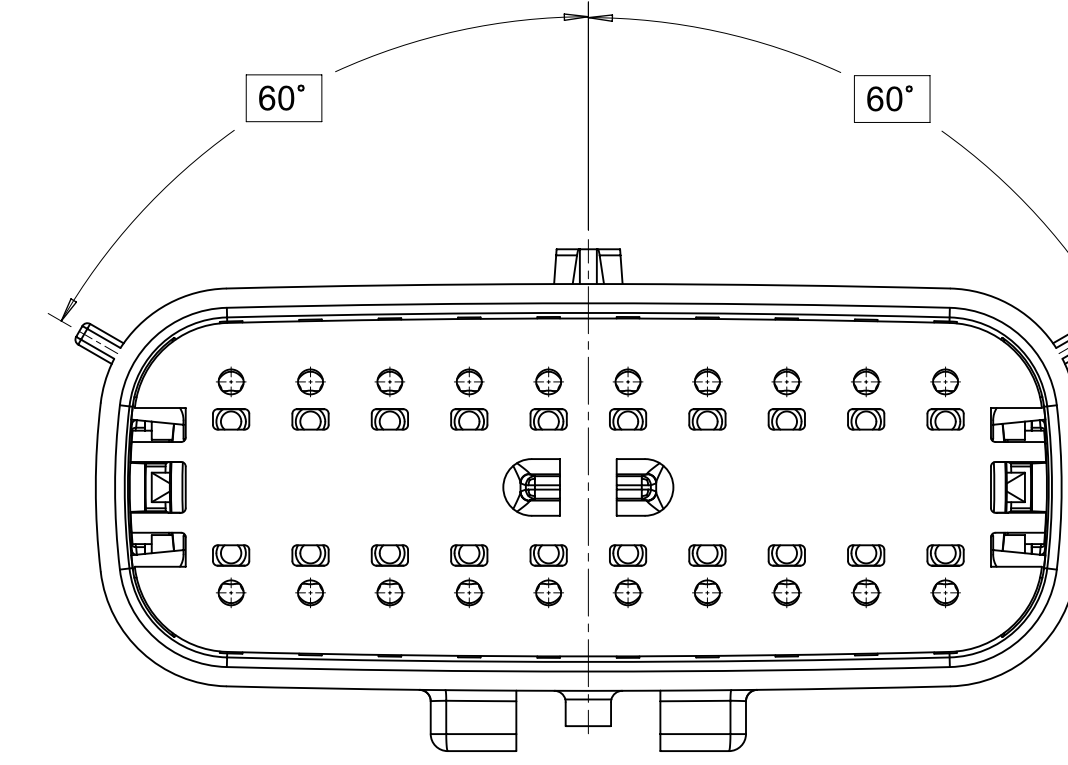
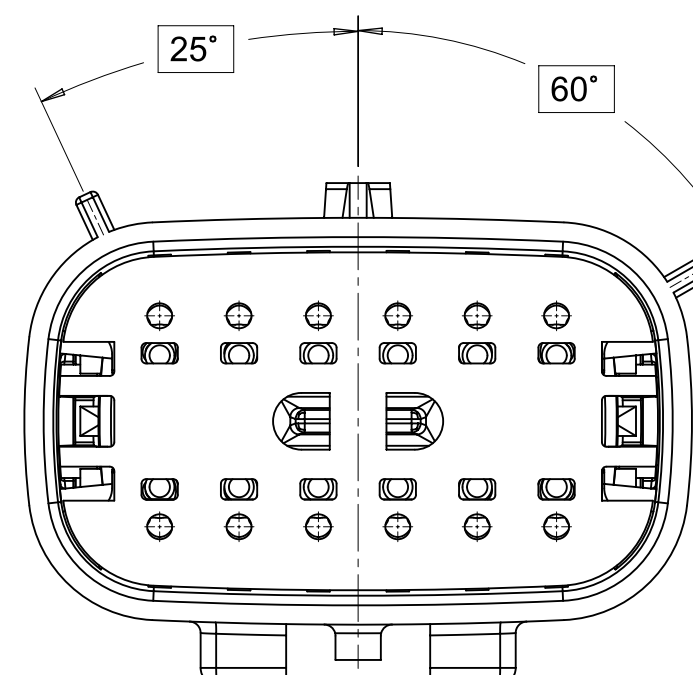
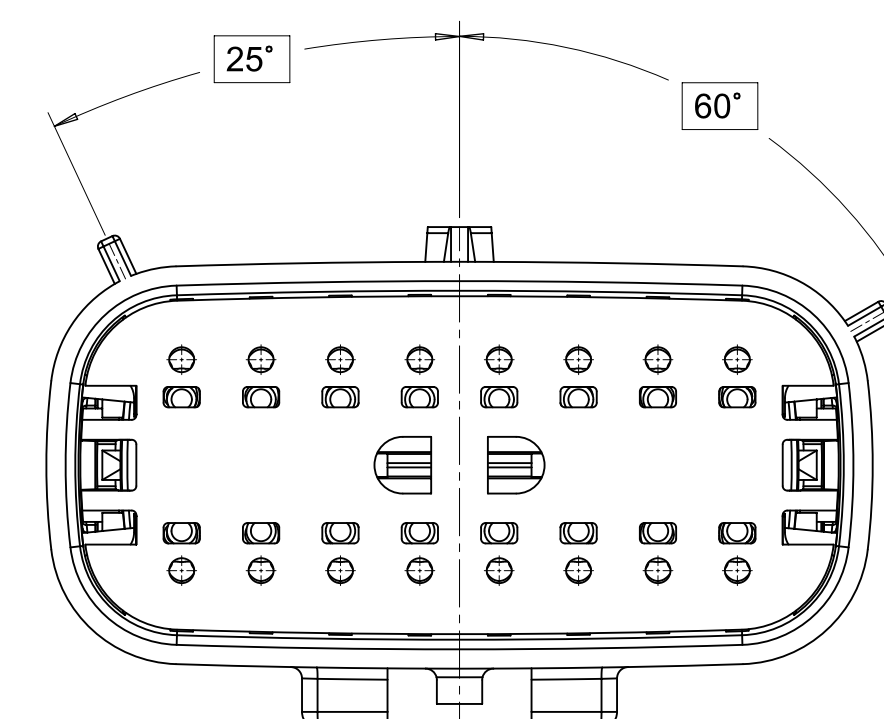
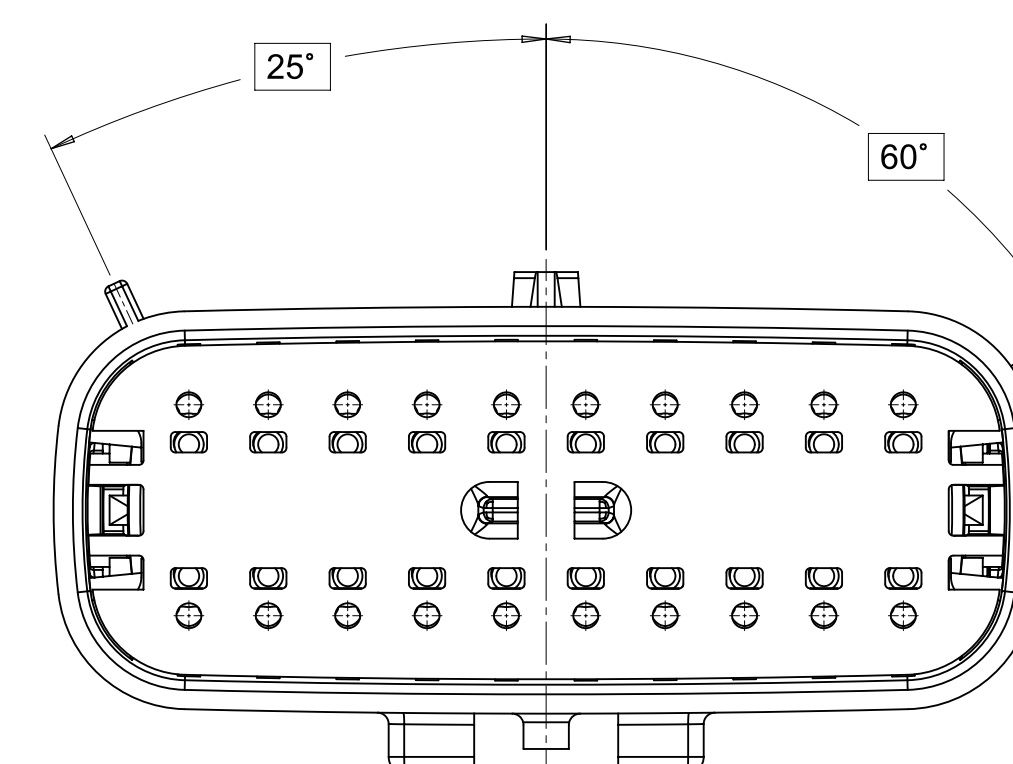
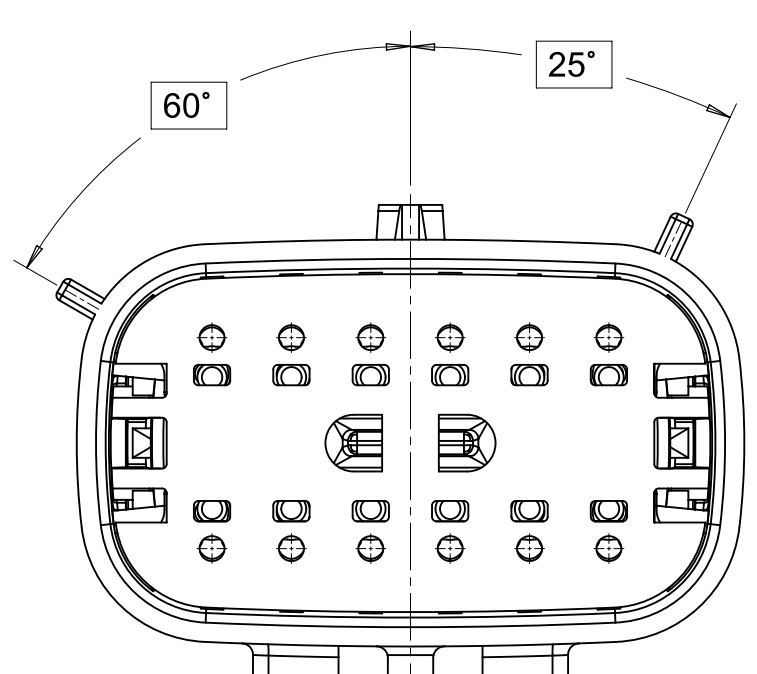
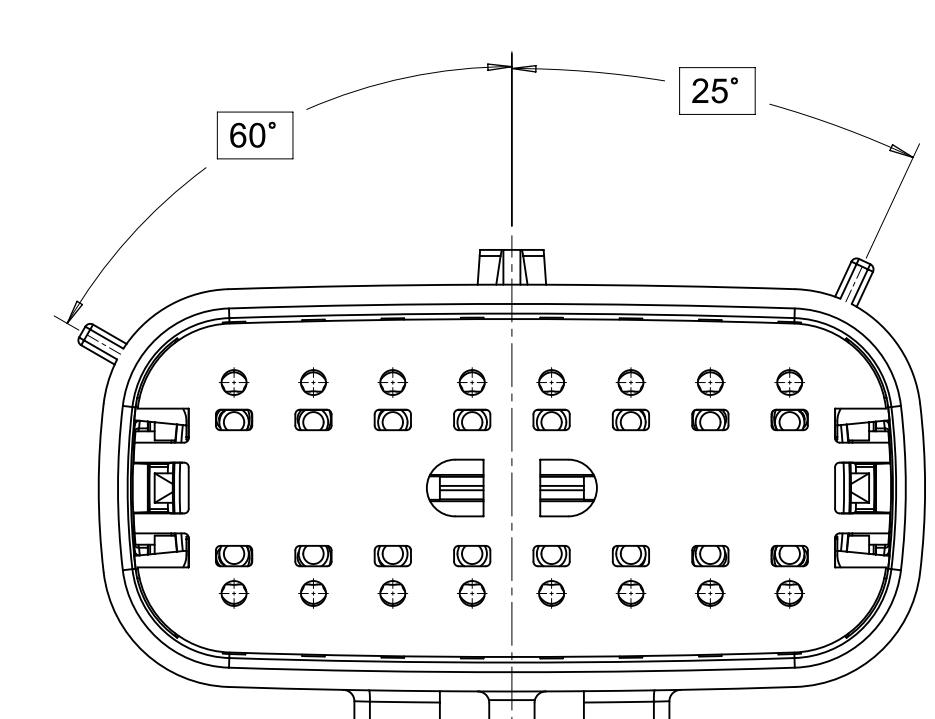
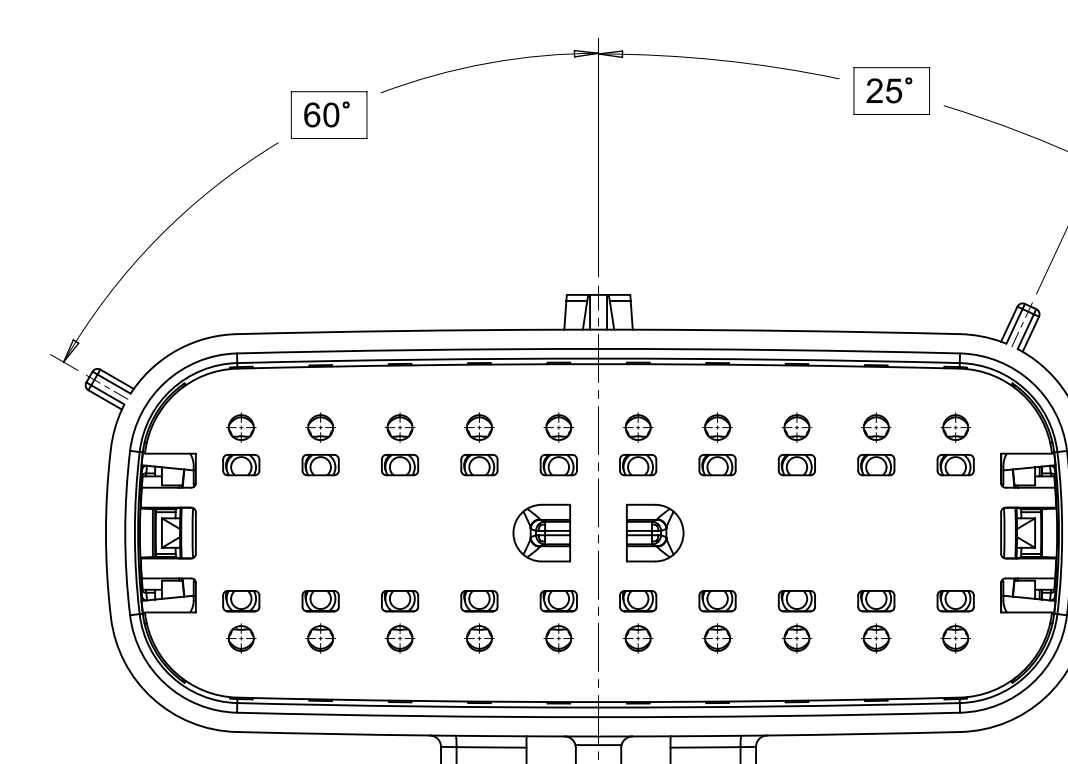
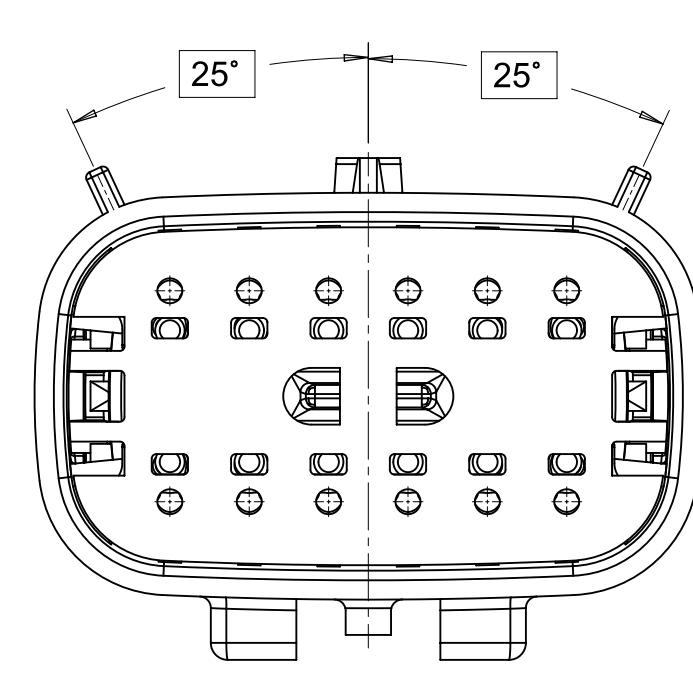
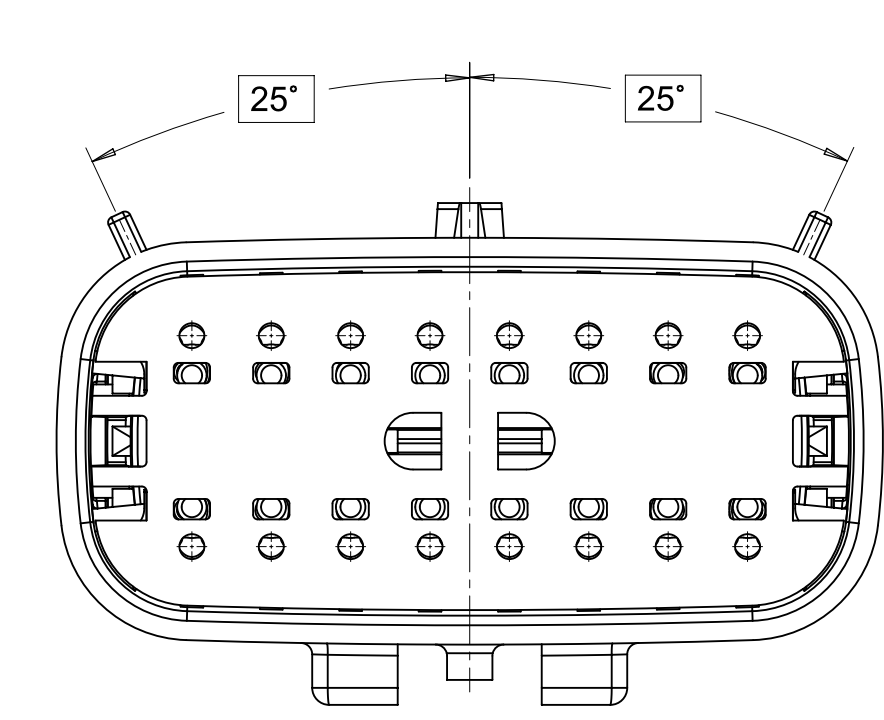
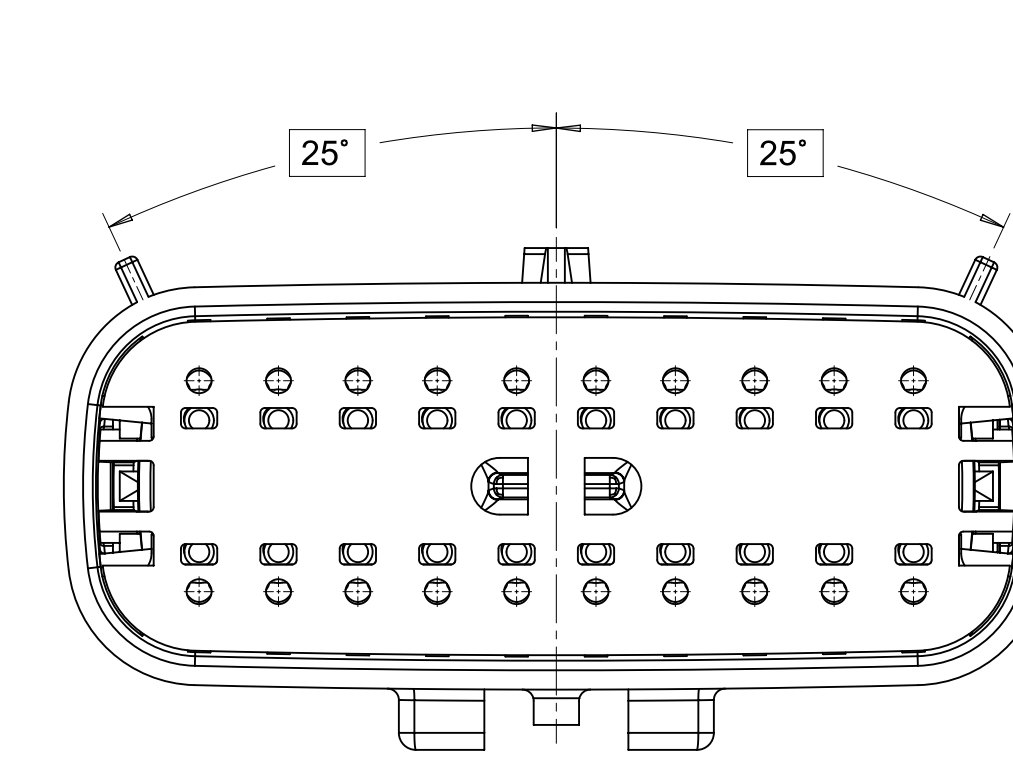


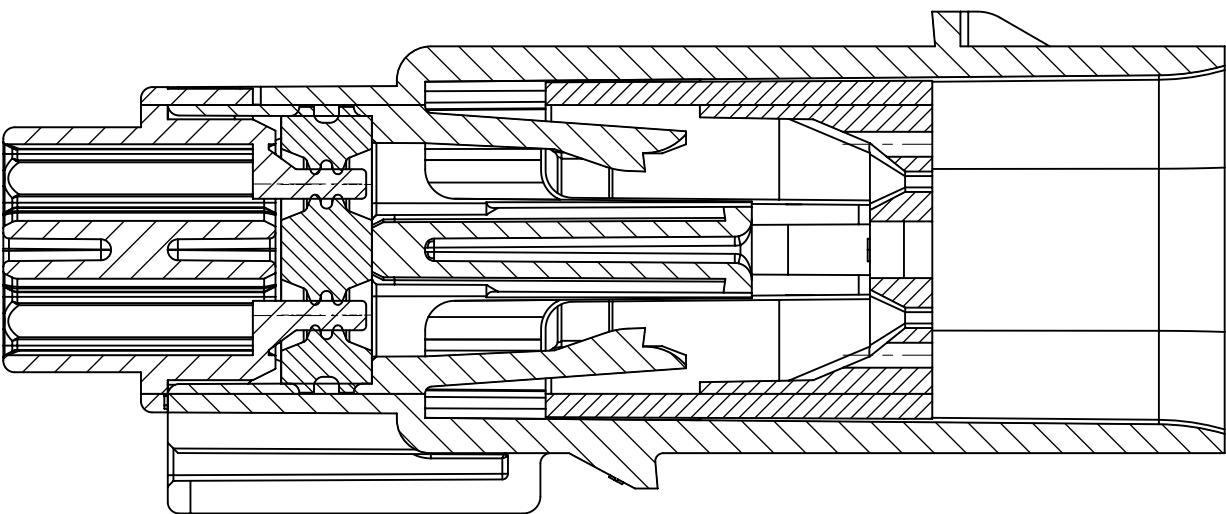
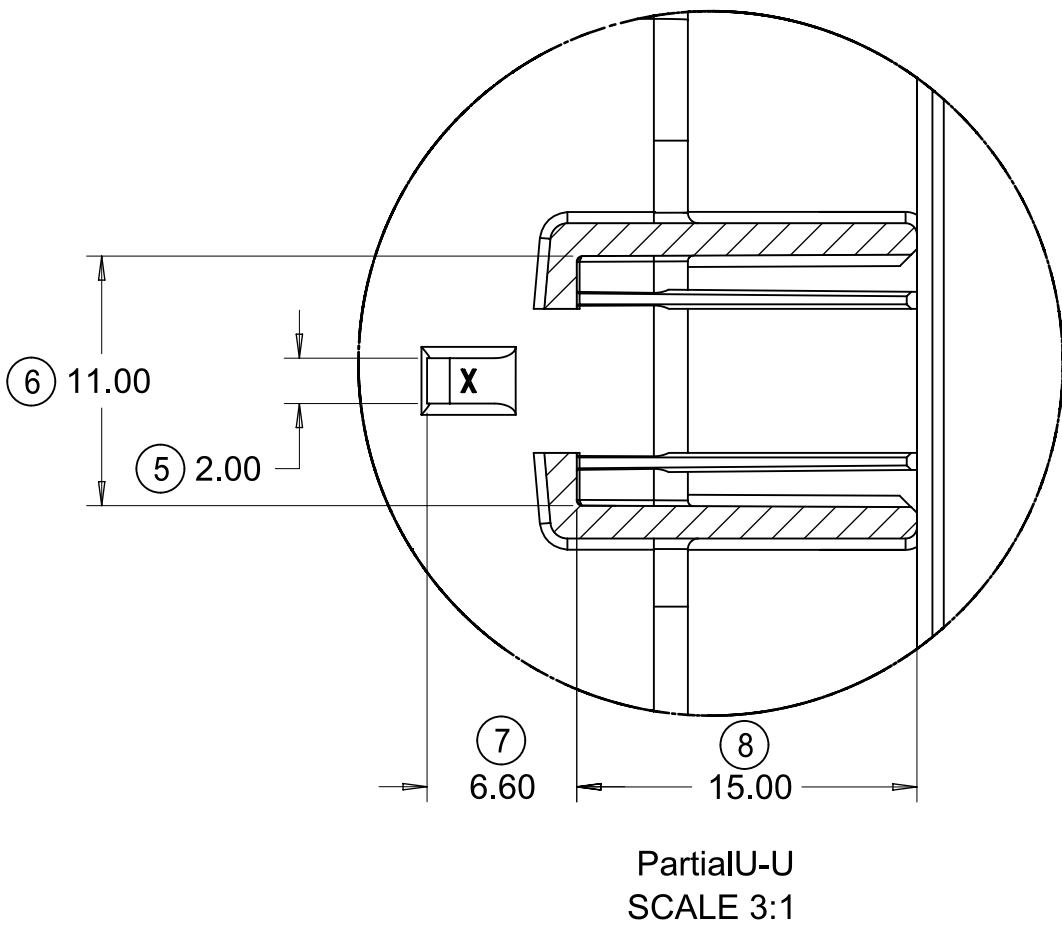
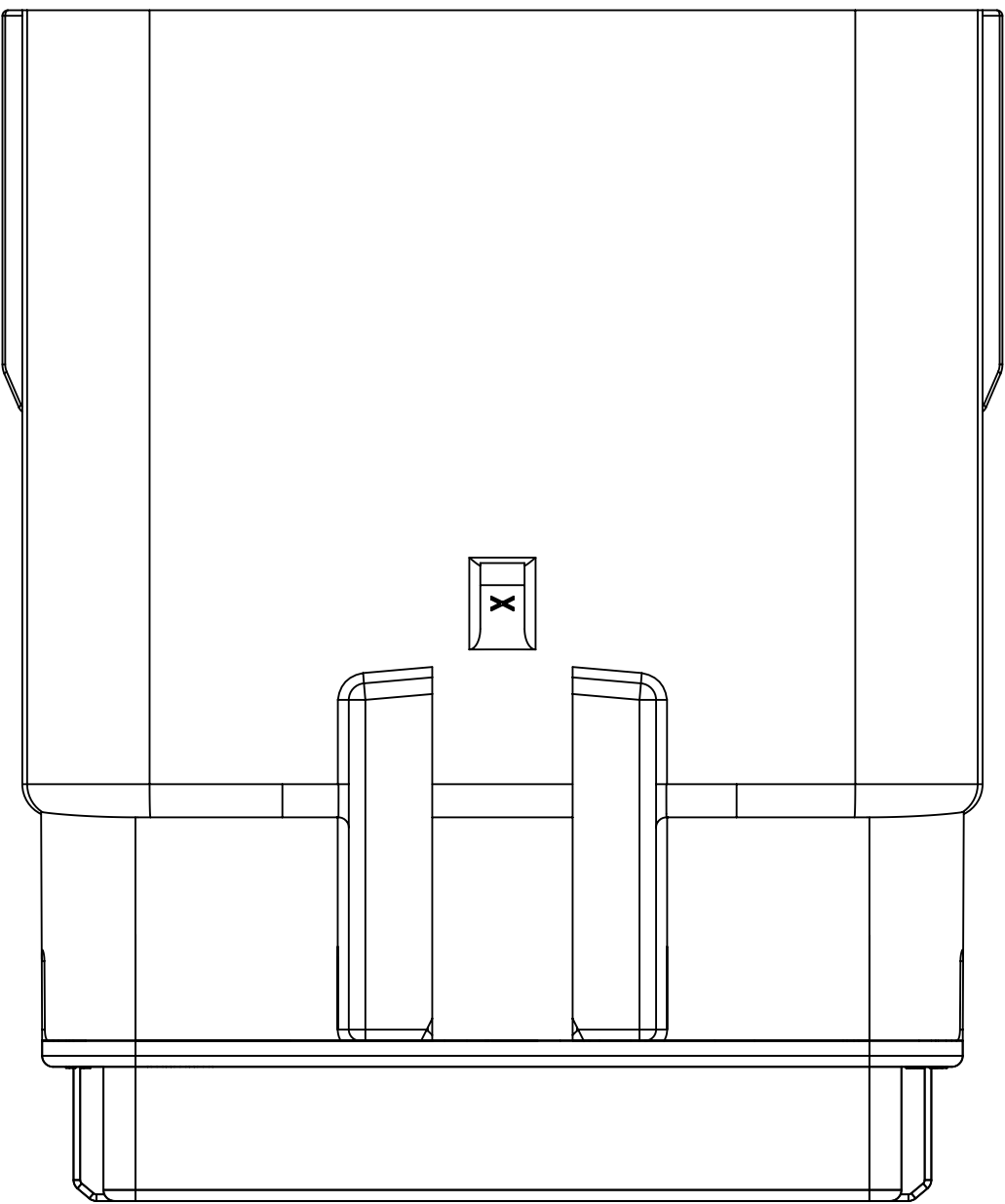
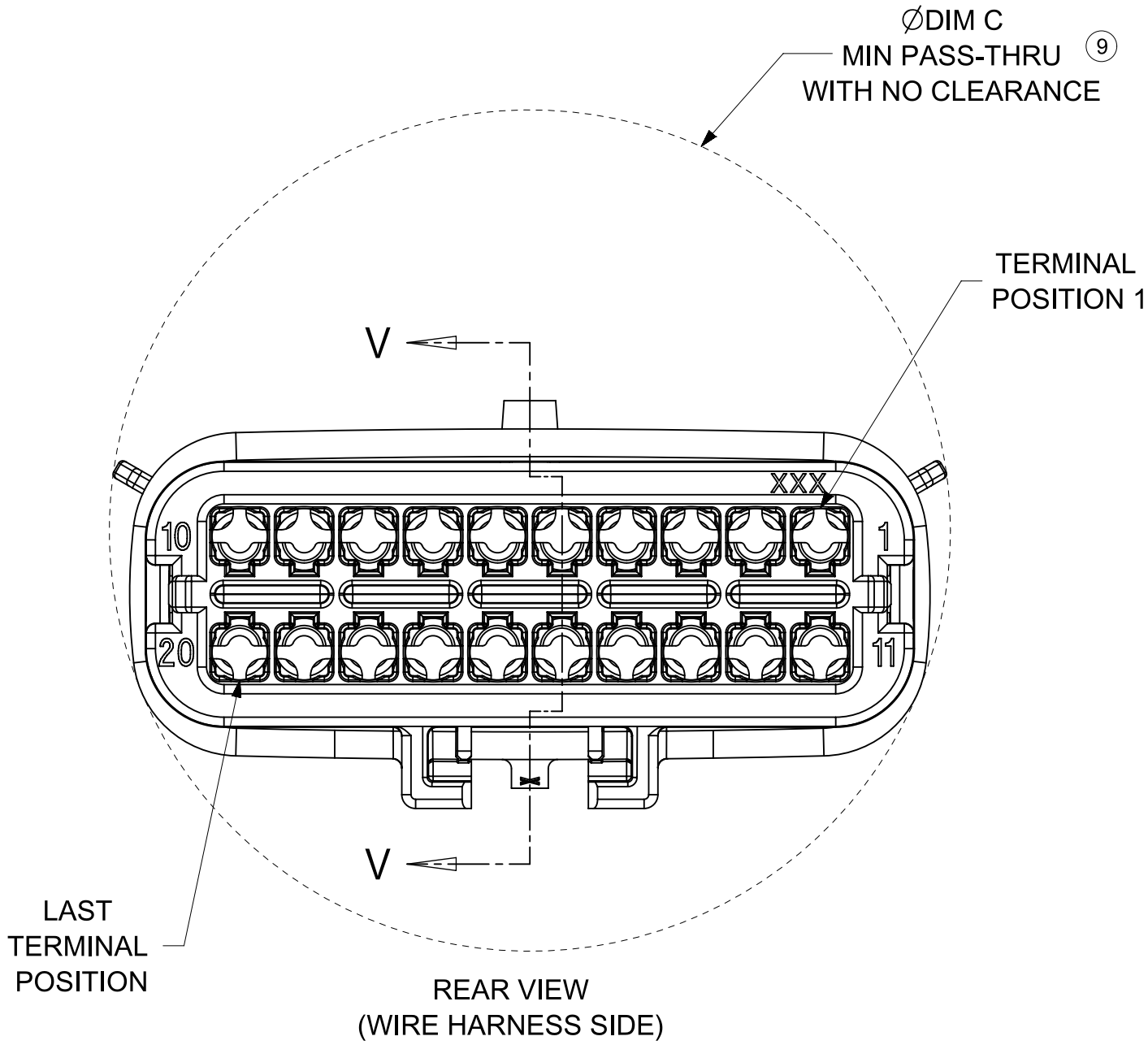
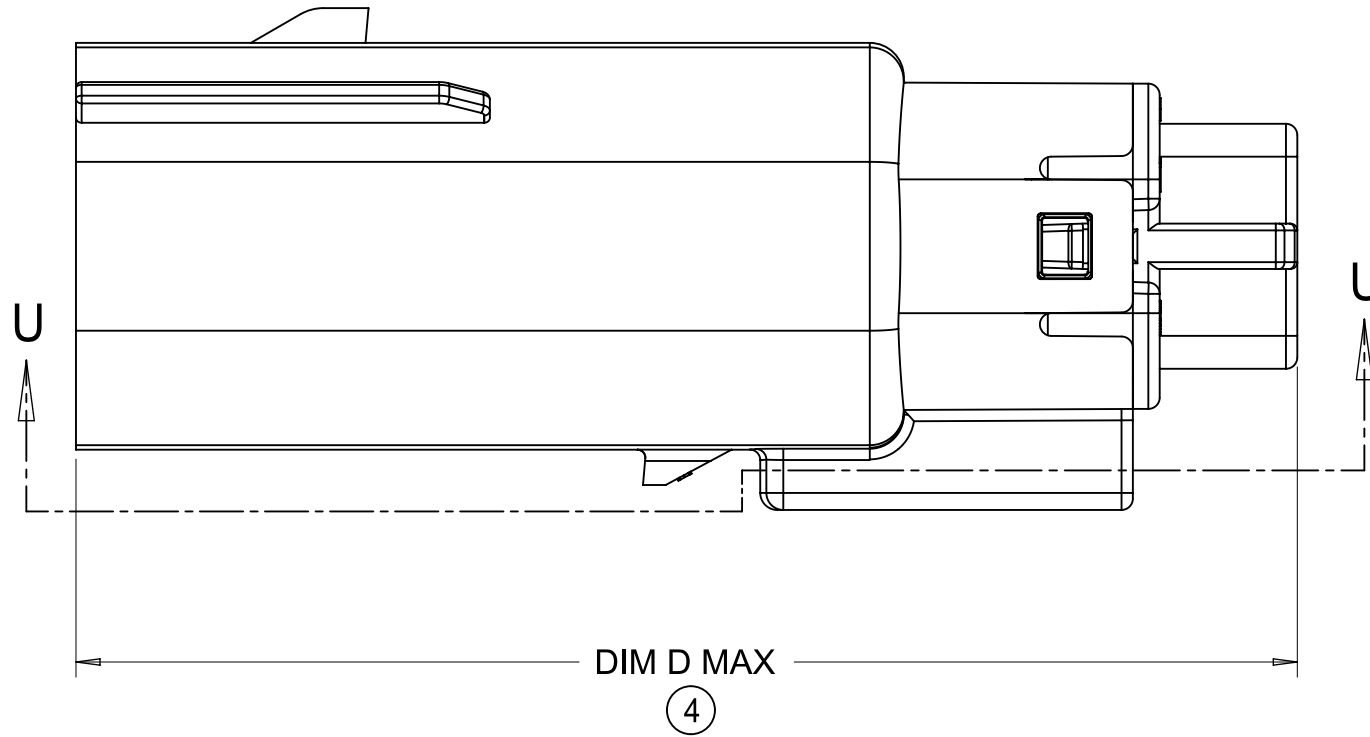
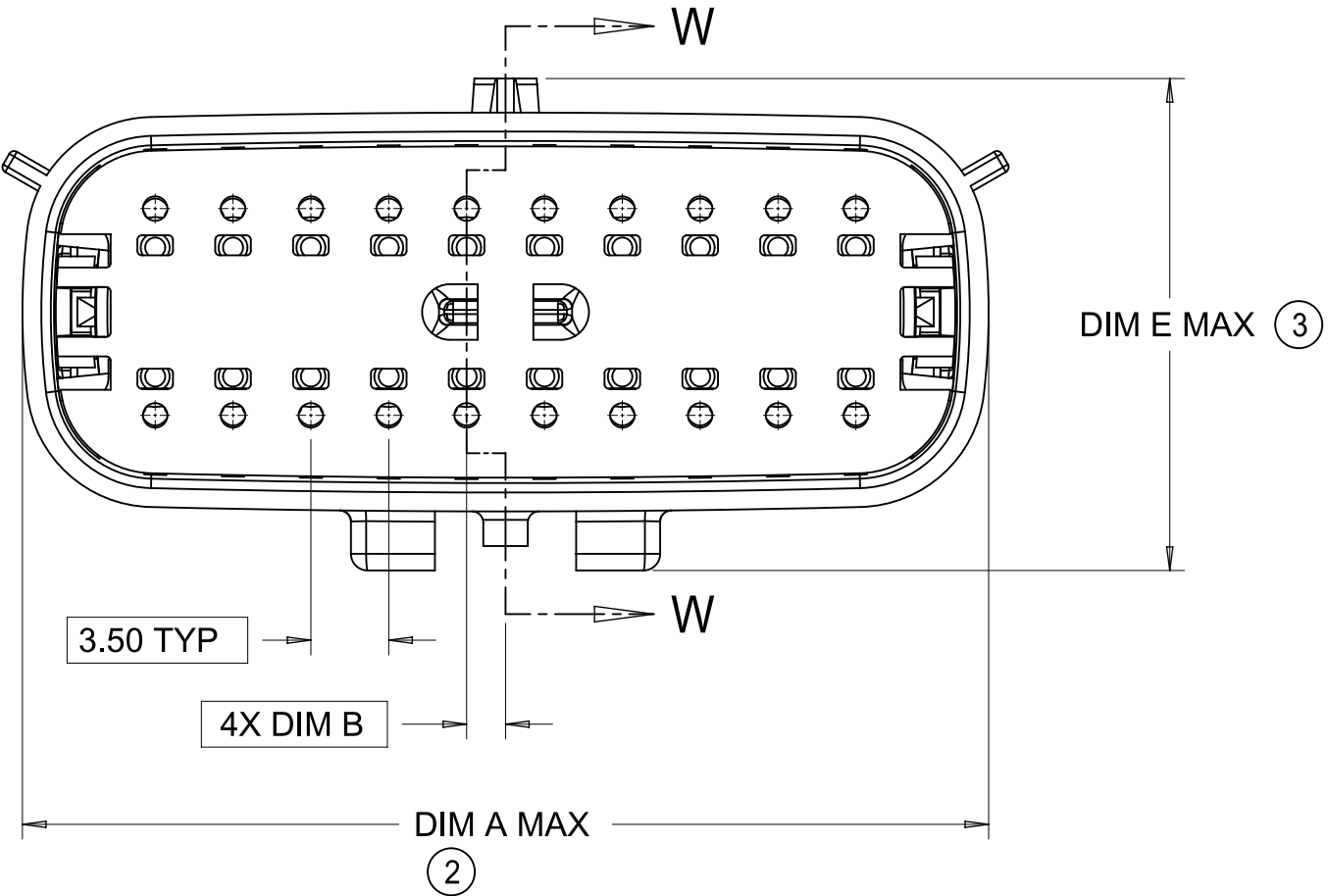
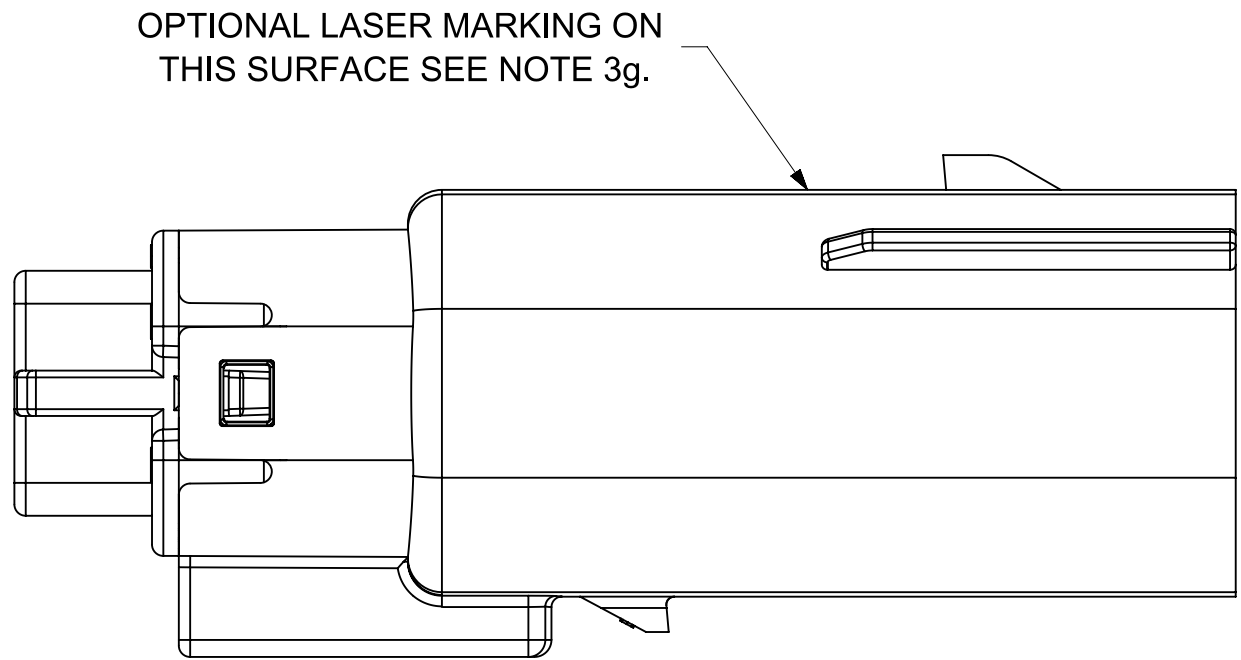
18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1														
SHEET DESCRIPTION																															
CONFIGURATIONS																															
																															
2X2 - STANDARD (STD)		2X2 - UL V0*																													
																															
2X3 - STANDARD (STD)				2X3 - LENGTHENED																											
																															
2X4 - STANDARD (STD)																															
																															
2X6 - STANDARD (STD)																															
																															
2X8 - STANDARD (STD)																															
																															
2X10 - STANDARD (STD)		2X10 - UL V0*																													

18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
SHEET DESCRIPTION KEY CONFIGURATIONS																	
2X2						2X3						2X4					
																	
KEY A						KEY A						KEY A					
																	
KEY B						KEY B						KEY B					
																	
KEY C						KEY C						KEY C					
																	
KEY D						KEY D						KEY D					

18		17		16		15		14		13		12		11		10		9		8		7		6		5		4		3		2		1							
SHEET DESCRIPTION KEY CONFIGURATIONS CONT.																																									
2X6																2X8																2X10									
																																									
																																									
																																									
																																									
KEY A																KEY A																KEY A									
KEY B																KEY B																KEY B									
KEY C																KEY C																KEY C									
KEY D																KEY D																KEY D									
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:									

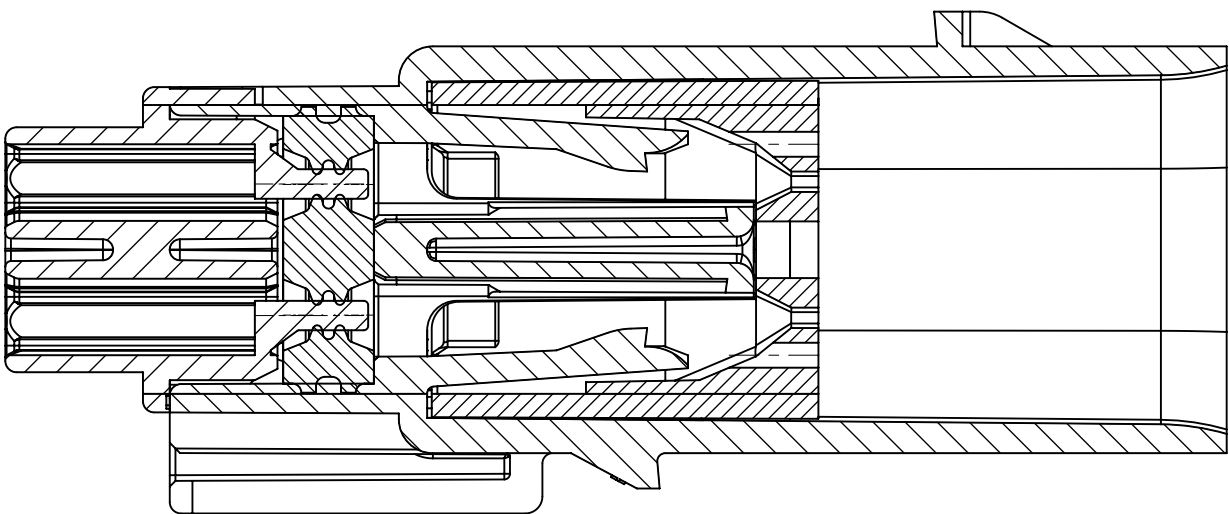
SHEET DESCRIPTION
BLADE SEALED ASSEMBLY

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

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
FA = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC:									
		mm		3:1											
FB = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)						MX150 BLADE DUAL ROW SEALED ASSEMBLY							
		ANGULAR TOL ± 1°													
FD = 0		4 PLACES		±		STATUS: Production DRWN: Yann Chen CHK'D: Yu Chao Fu APPR: Elvis Song									
		3 PLACES		±											
DIVISIONAL SYMBOLS		2 PLACES		± 0.100		2023-09-26 2023-09-26 2023-09-27									
		1 PLACE		± 0.20											
		0 PLACES		±		DOCUMENT NUMBER SD-33482-0001 DOC TYPE PSD DOC PART 001 REVISION E3									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A1-SIZE		33482				GENERAL MARKET		5 OF 11	

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.

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34950-XXXX

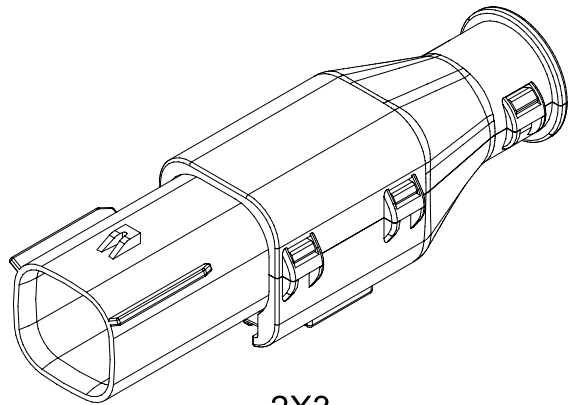
CUSTOMER MODEL COMPONENTS

- 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

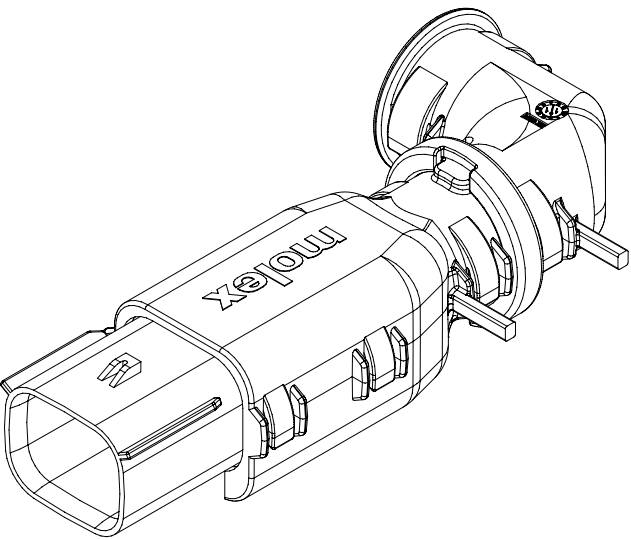
BACKSHELL FEATURES

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

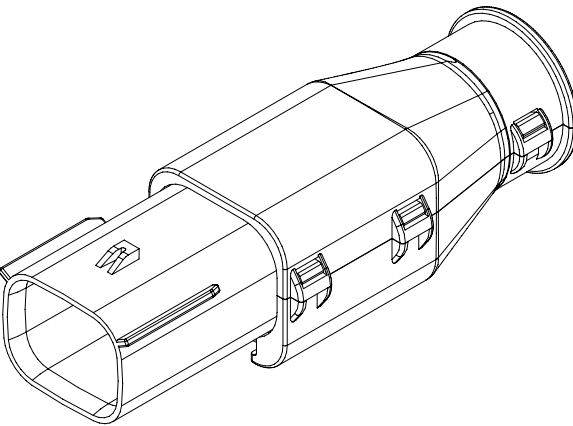
MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20



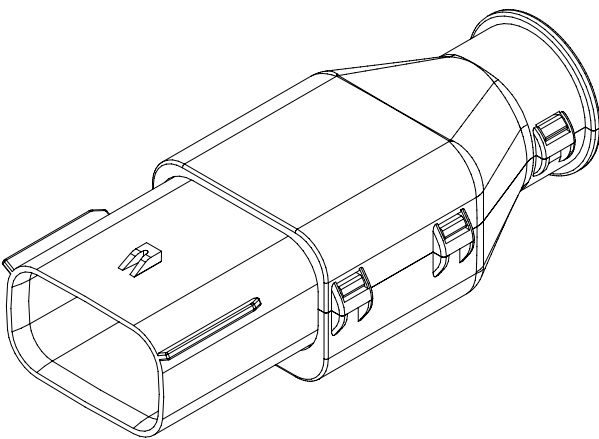
2X3



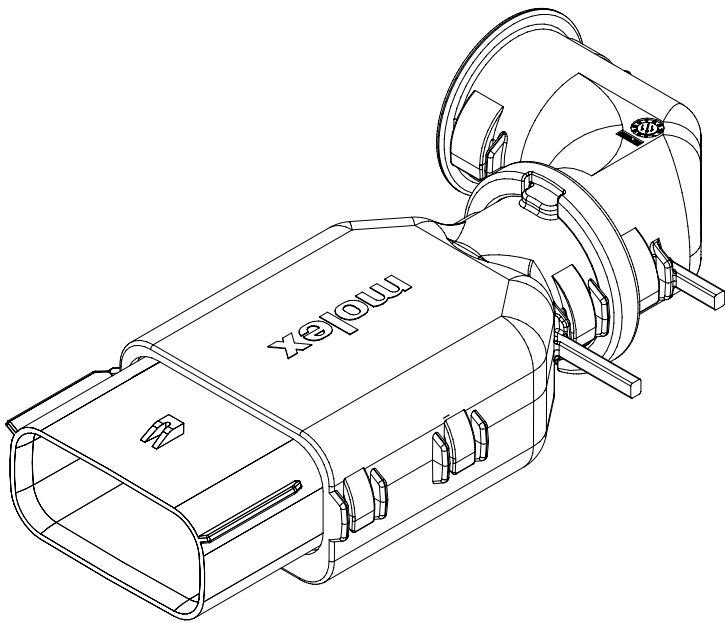
2X4



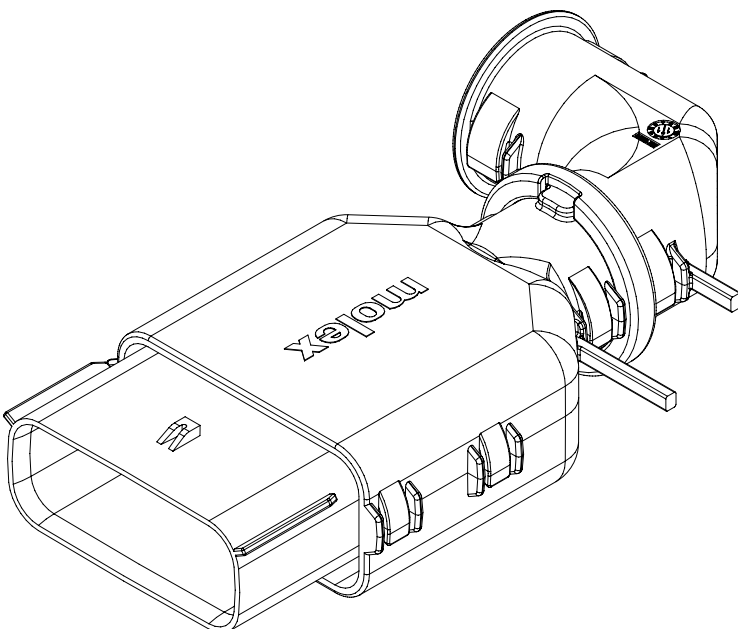
2X4



2X6

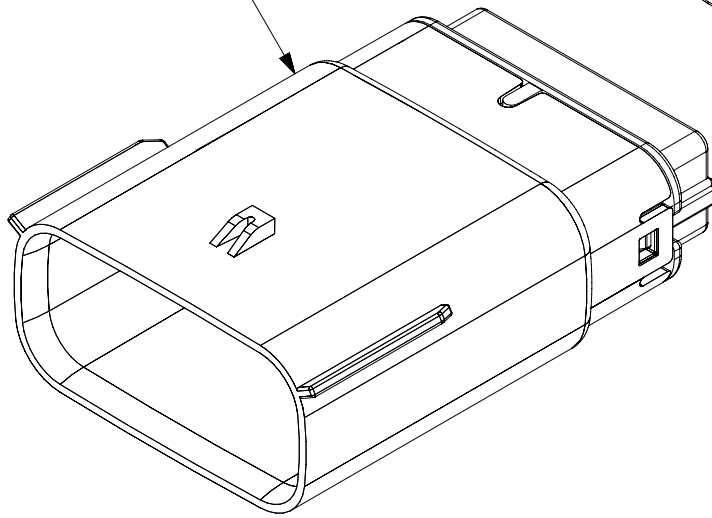


2X8

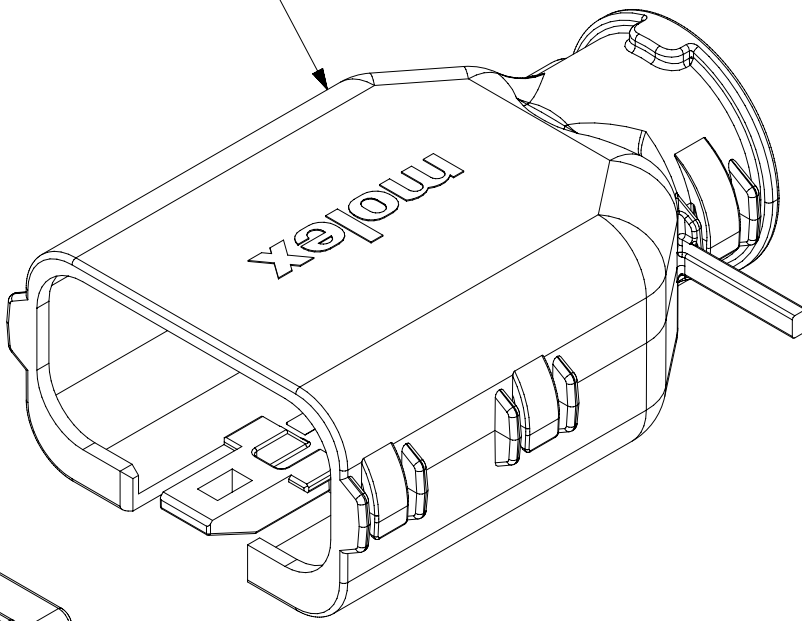


2X10

BLADE SEALED ASSEMBLY

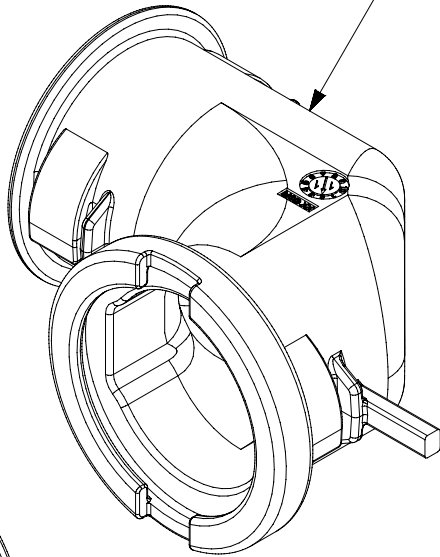


BACKSHELL (BKS)



SCALE 1.5:1

90° ADAPTOR



FUNCTIONAL SYMBOLS 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:							
	mm	1.5:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	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					
				A1-SIZE	33482					
			STATUS: Production 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	
						PRODUCT SALES DRAWING				
						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
								GENERAL MARKET		7 OF 11

molex

MX150 BLADE
DUAL ROW SEALED ASSEMBLY

PRODUCT SALES DRAWING

DOCUMENT NUMBER

SD-33482-0001

DOC TYPE

PSD

DOC PART

001

REVISION

E3

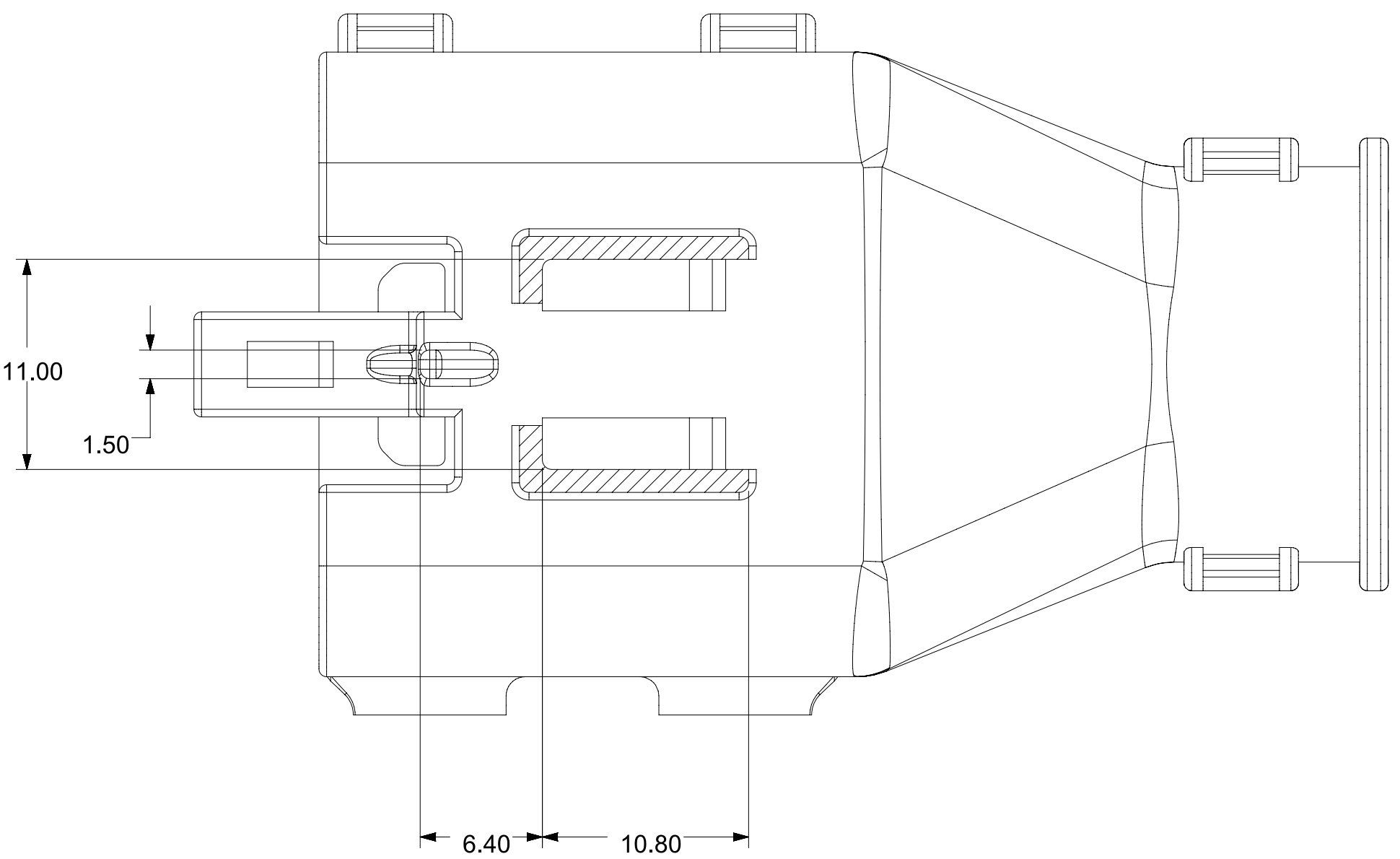
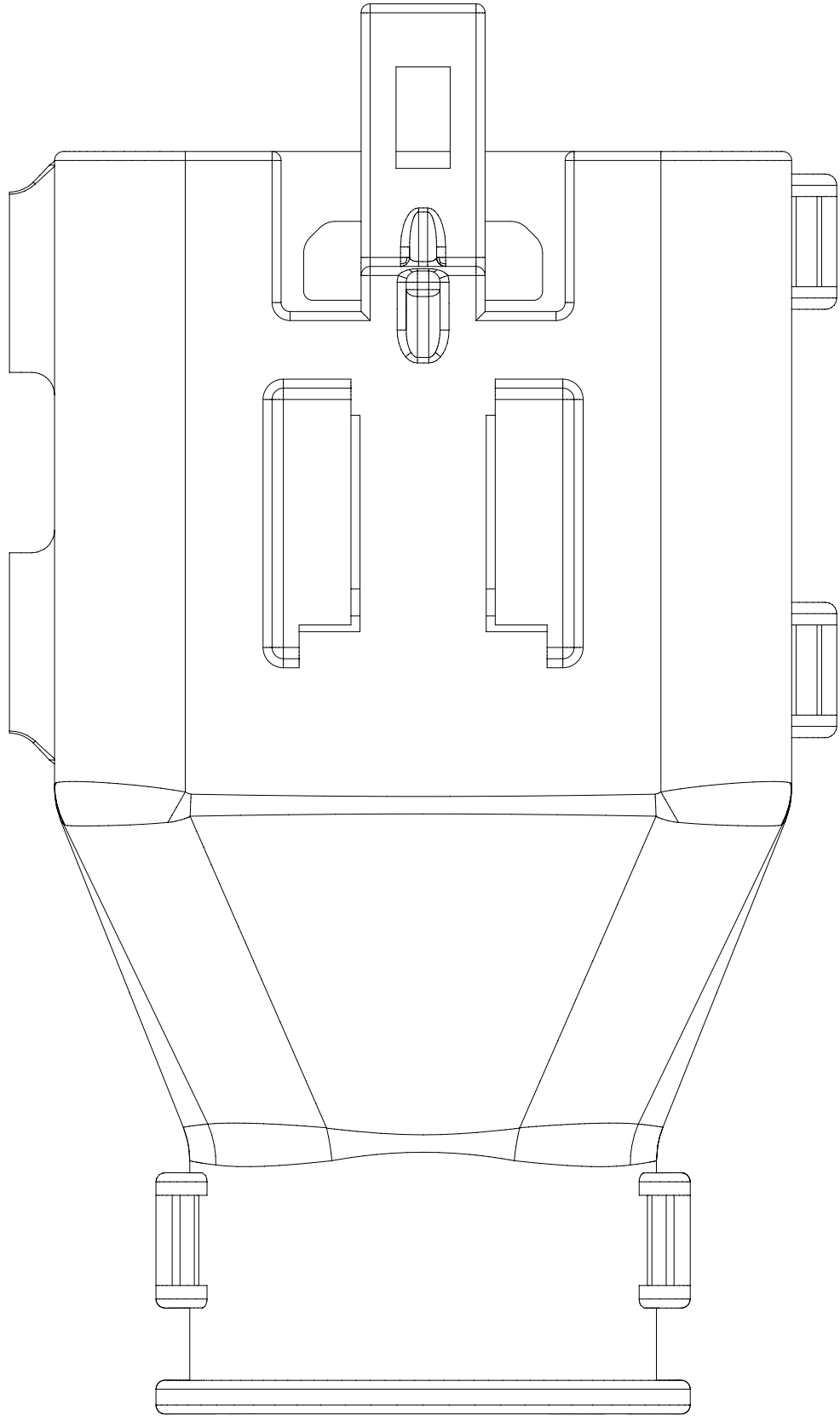
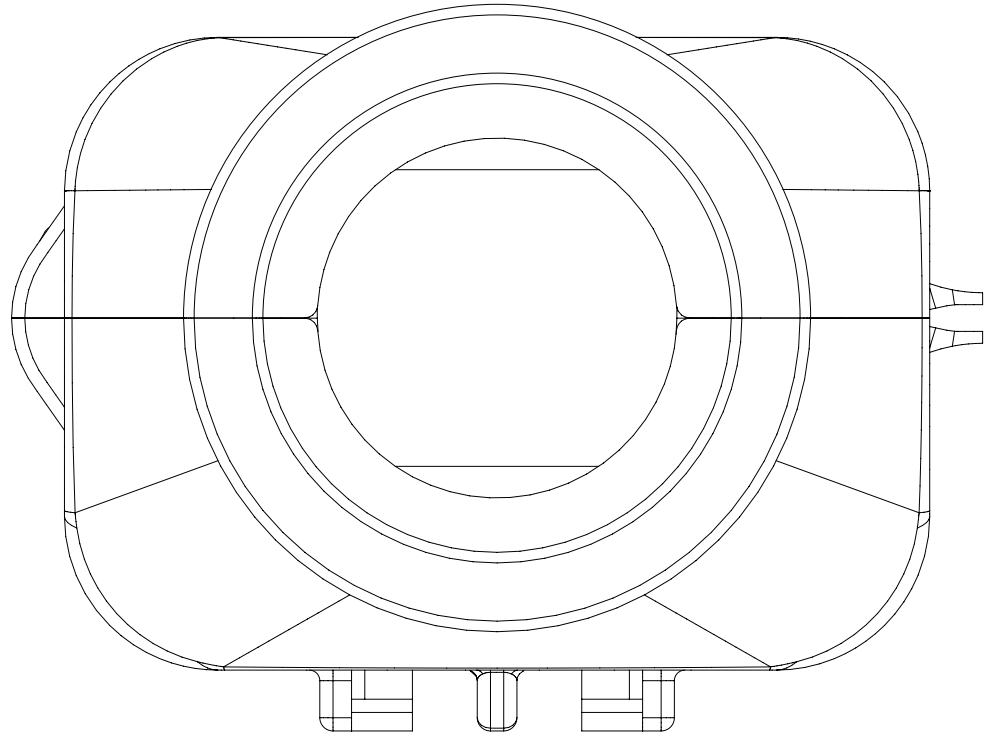
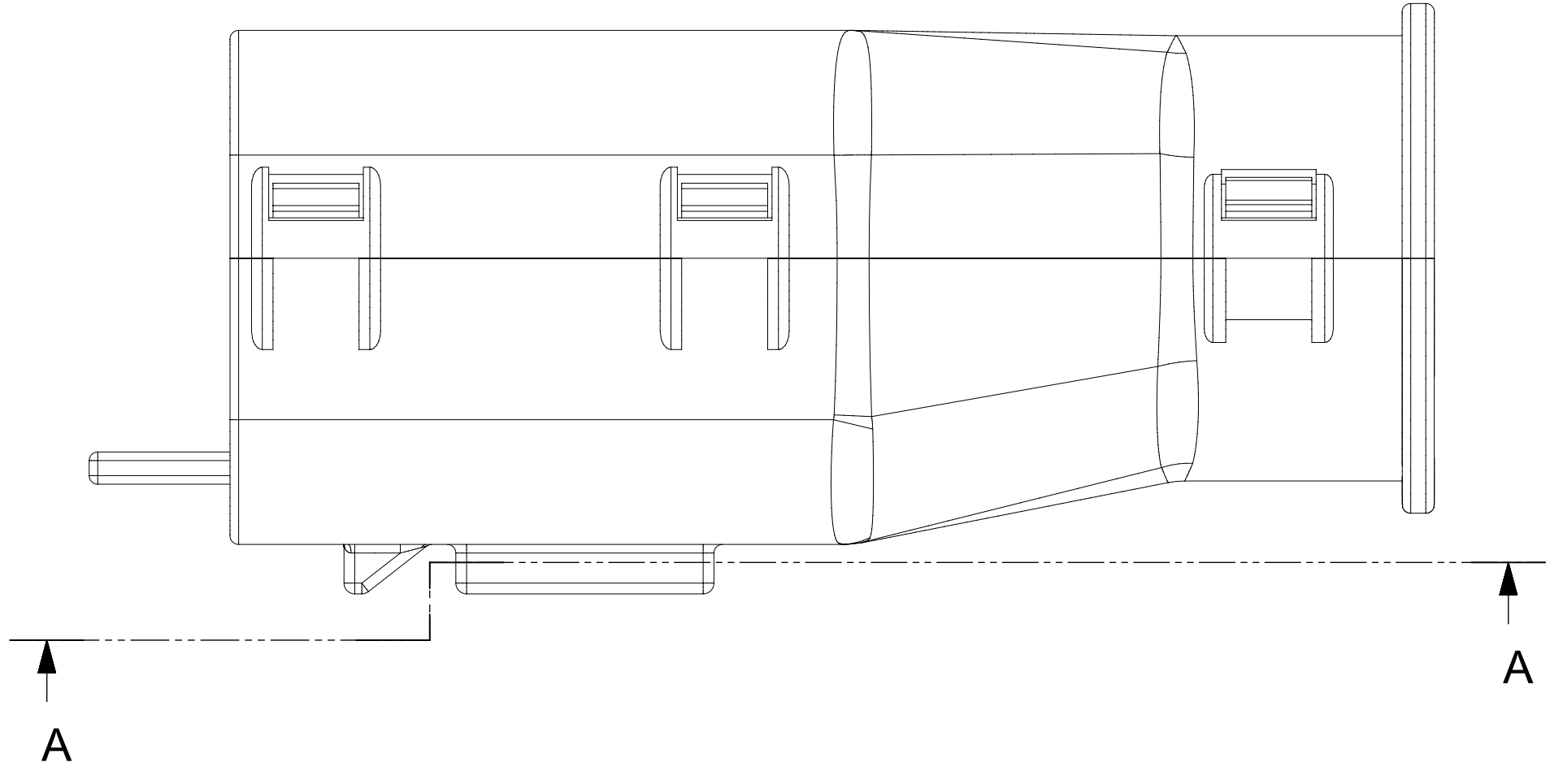
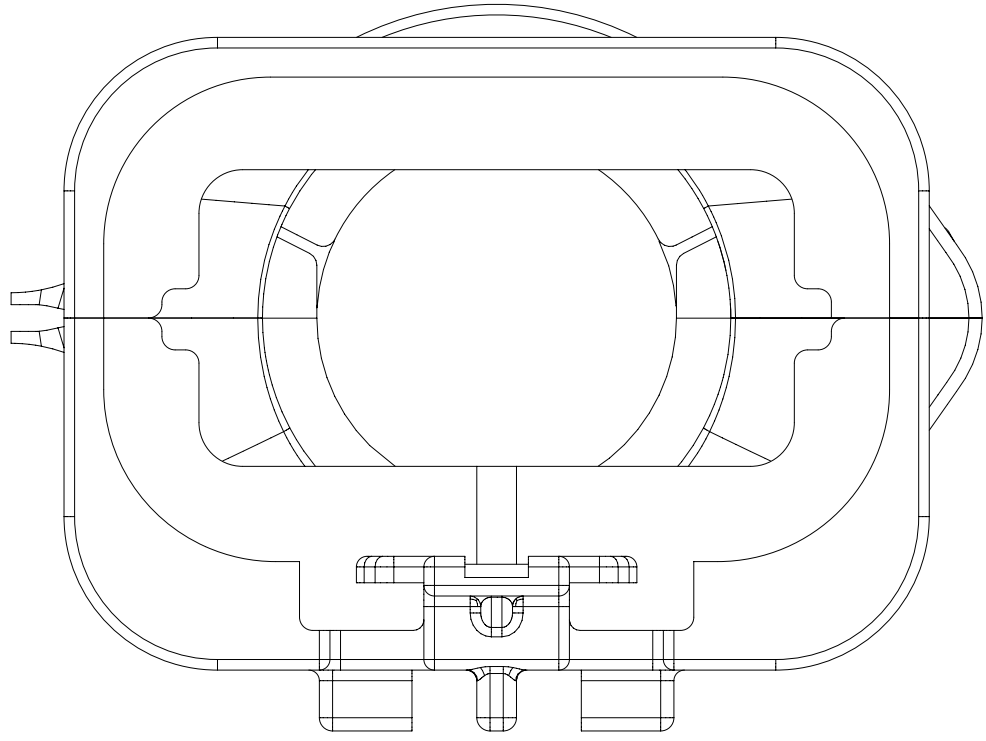
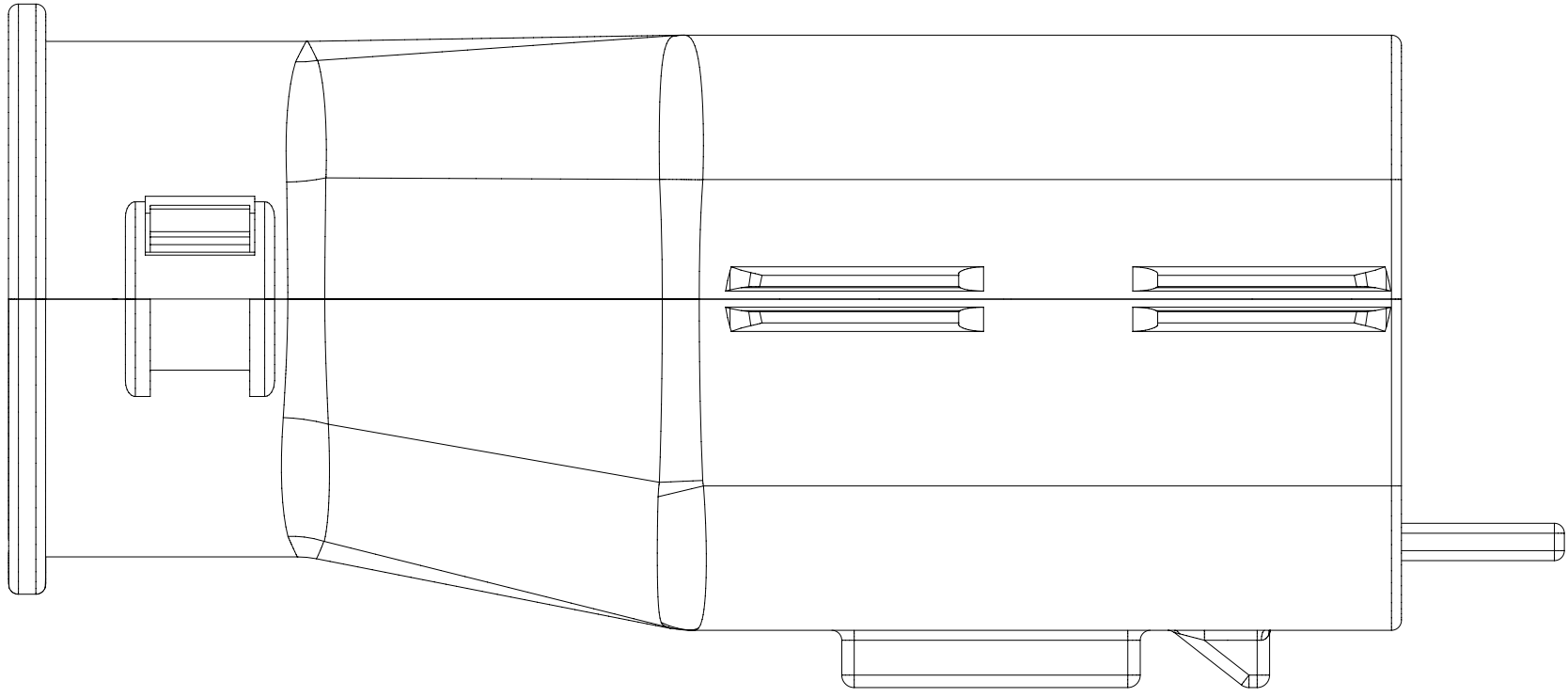
MATERIAL NUMBER

GENERAL MARKET

SHEET NUMBER

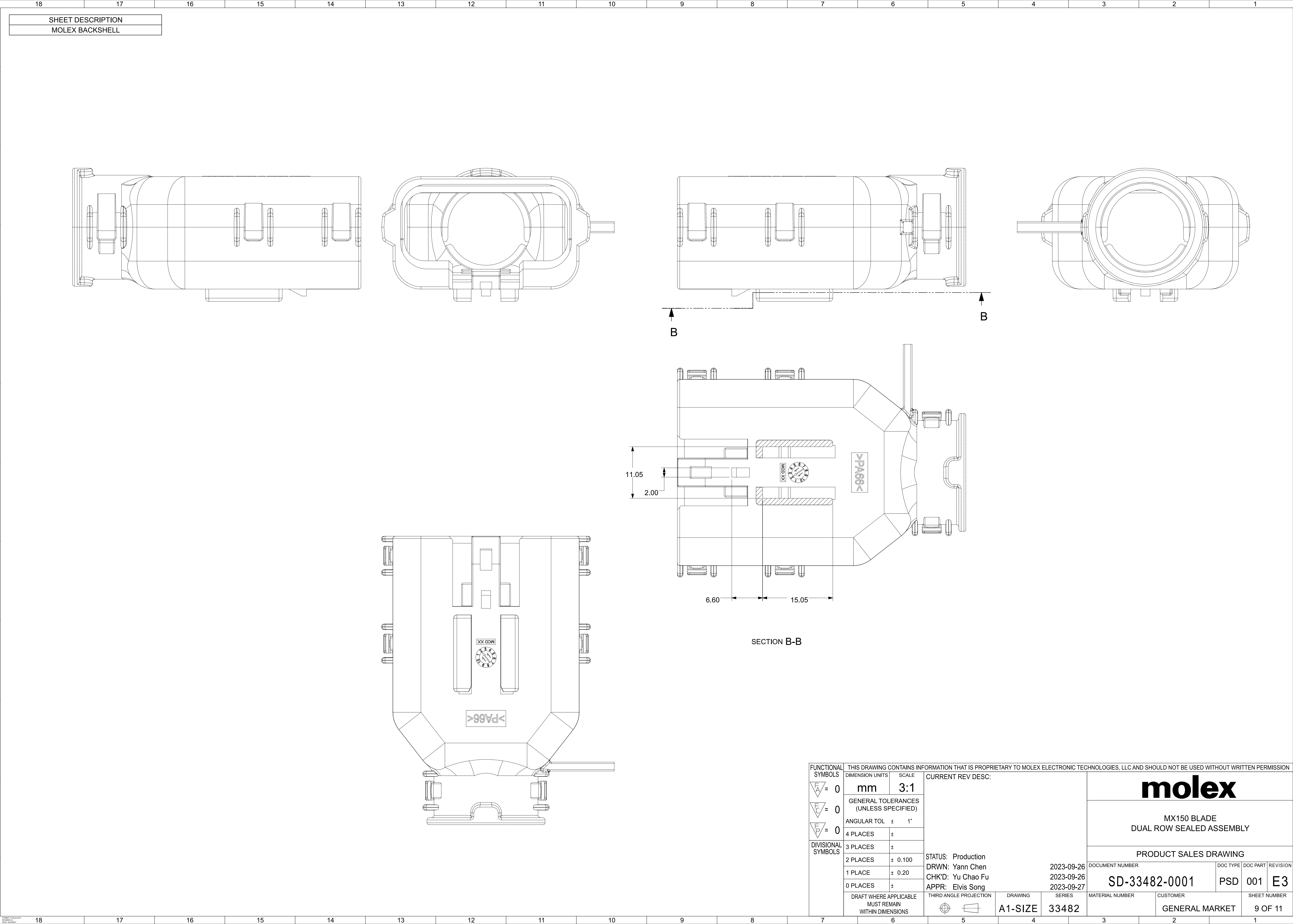
7 OF 11

SHEET DESCRIPTION
SCHLEMMER BACKSHELL



SECTION A-A

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

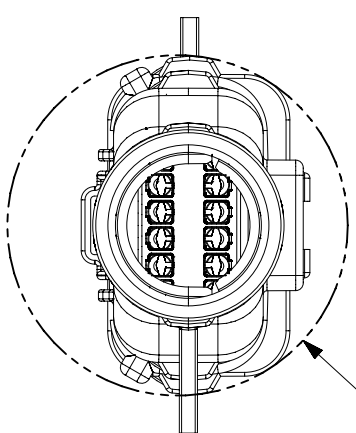


SHEET DESCRIPTION
MOLEX BACKSHELL

FUNCTIONAL SYMBOLS $\frac{E}{A}$ = 0 $\frac{E}{C}$ = 0 $\frac{E}{P}$ = 0
--

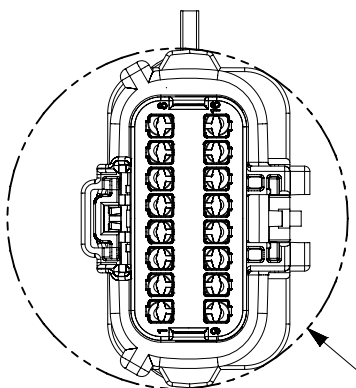
DIVISIONAL SYMBOLS

CHARTED DIMENSIONS												
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



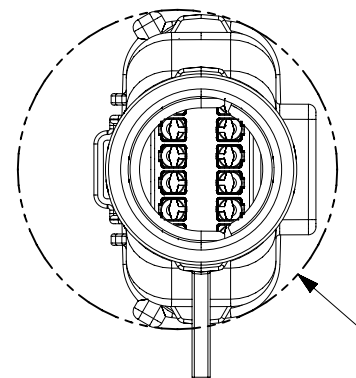
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL

MIN PASS-THRU
WITH NO CLEARANCE



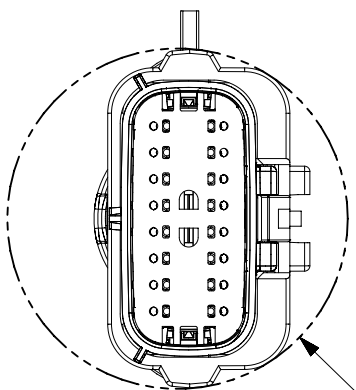
OVERALL MATED SYSTEM WITH BLADE BACKSHELL

(Ø DIM AB)
MIN PASS-THRU
WITH NO CLEARANCE



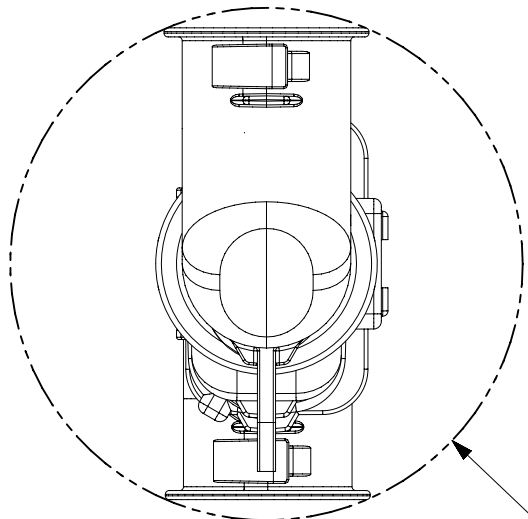
OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL

(Ø DIM AC)
MIN PASS-THRU
WITH NO CLEARANCE



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

(Ø DIM AD)
MIN PASS-THRU
WITH NO CLEARANCE



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

(Ø DIM AE)
MIN PASS-THRU
WITH NO CLEARANCE

18	17	16	15	14	13	12	11	10	9	8
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