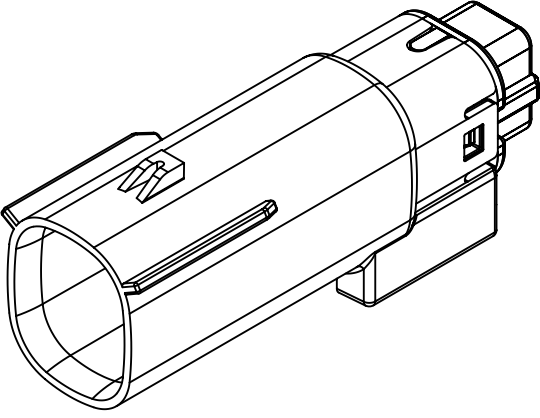
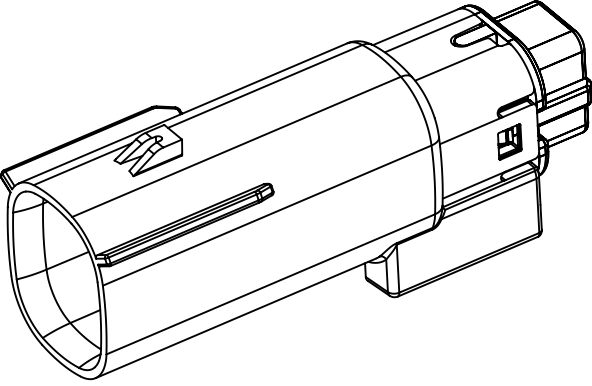
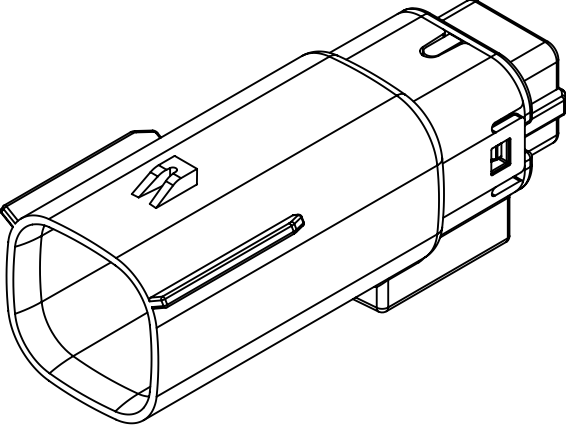
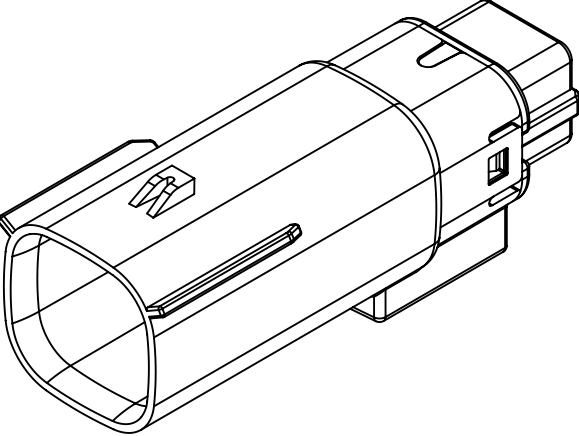
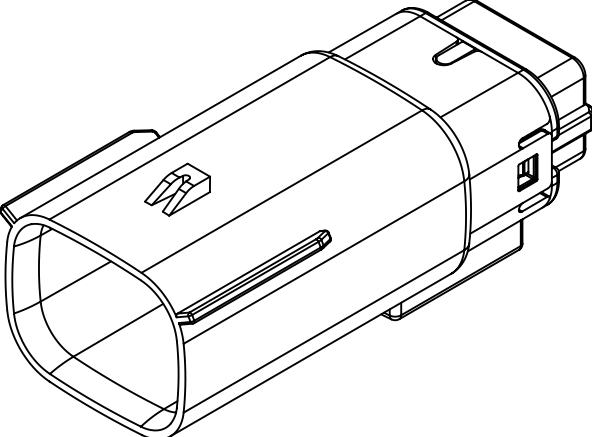
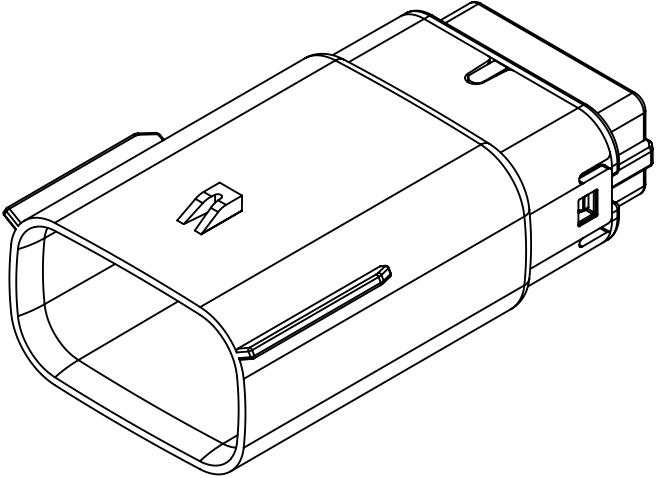
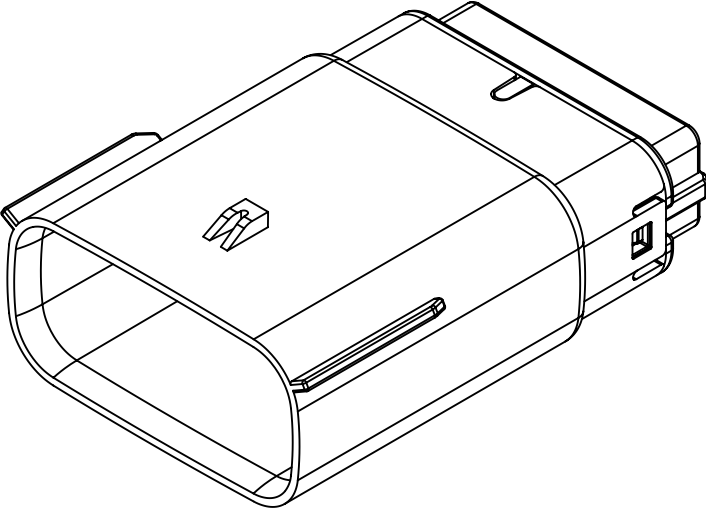
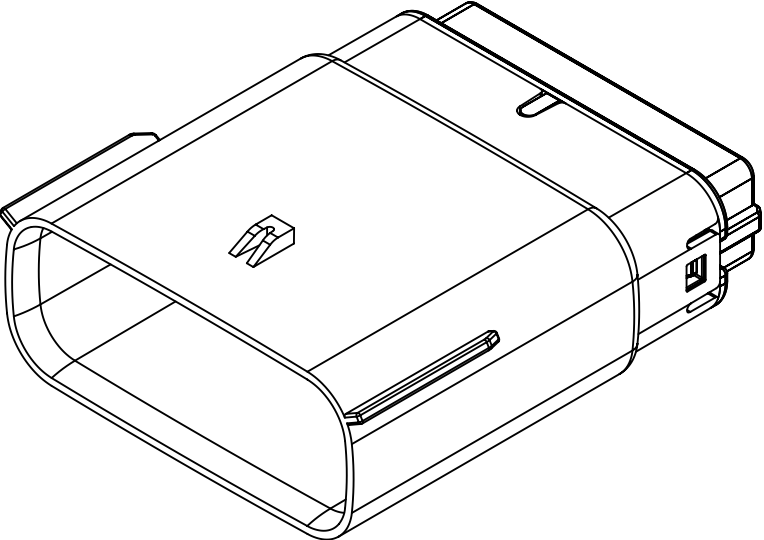
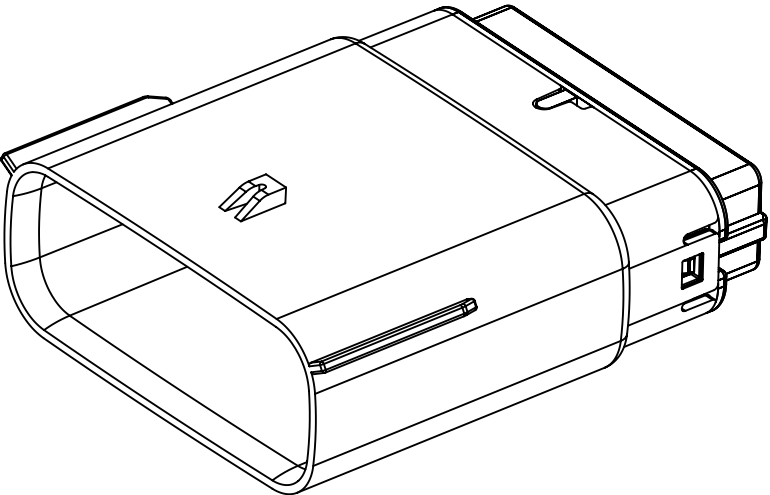
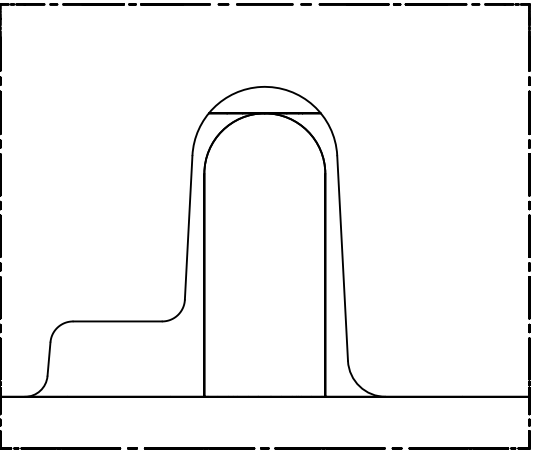


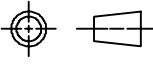
SHEET DESCRIPTION	
CONFIGURATIONS	

		
2X2 - STANDARD (STD)	2X2 - UL V0*	
		
2X3 - STANDARD (STD)		2X3 - LENGTHENED
		
2X4 - STANDARD (STD)		
		
2X6 - STANDARD (STD)		
		
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2X10 - STANDARD (STD)	2X10 - UL V0*	
DOCUMENT STATUS	P1	RELEASE DATE
		2018/02/16 22:02:26



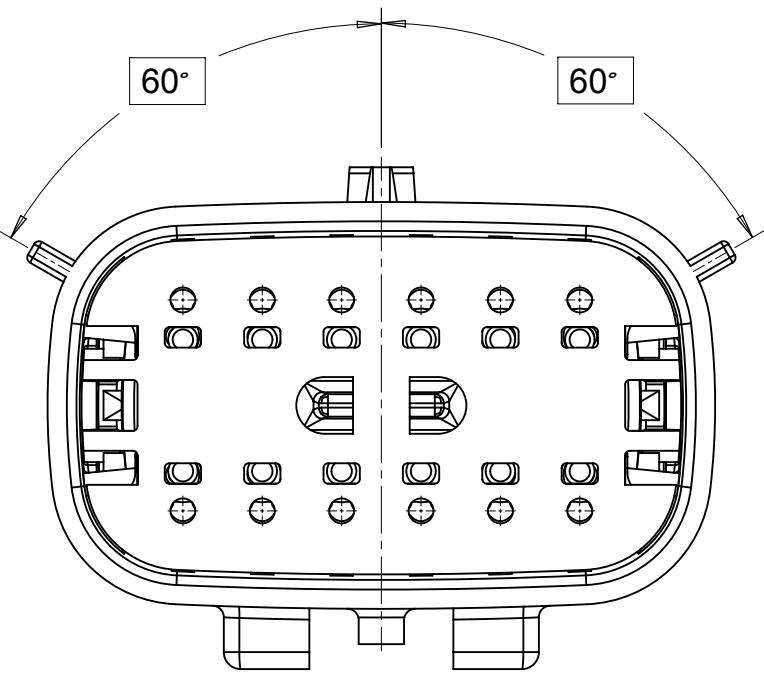
UL V0 UNIQUE FEATURE
Partial1
SCALE 10:1

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

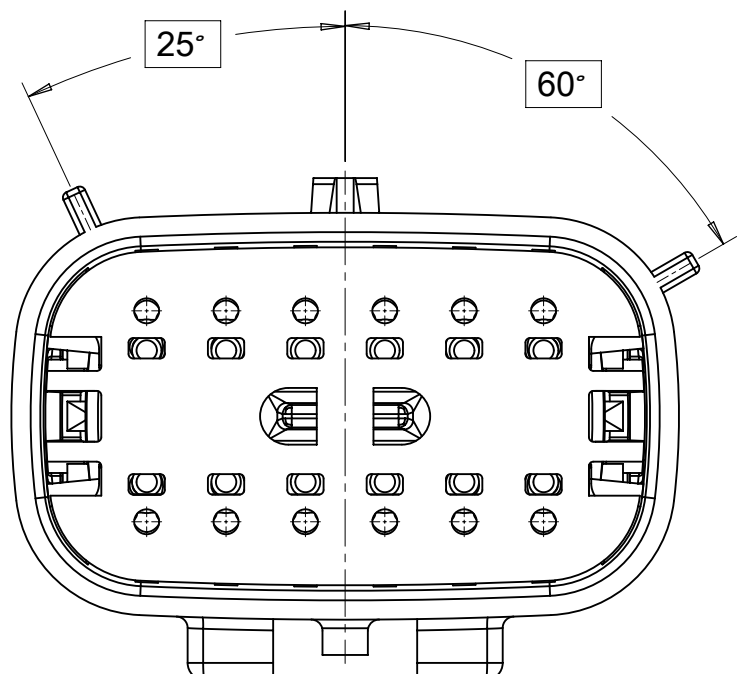
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		mm		1.5:1													
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				molex MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL											
		ANGULAR TOL ± 1.0 °															
		4 PLACES		±													
		3 PLACES		±													
		2 PLACES		± 0.1													
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0		1 PLACE		± 0.2		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-33482-0001 DOC TYPE PSD DOC PART 001 REVISION E2											
		0 PLACES		±													
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A1-SIZE		33482				GENERAL MARKET		2 OF 11					

SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.

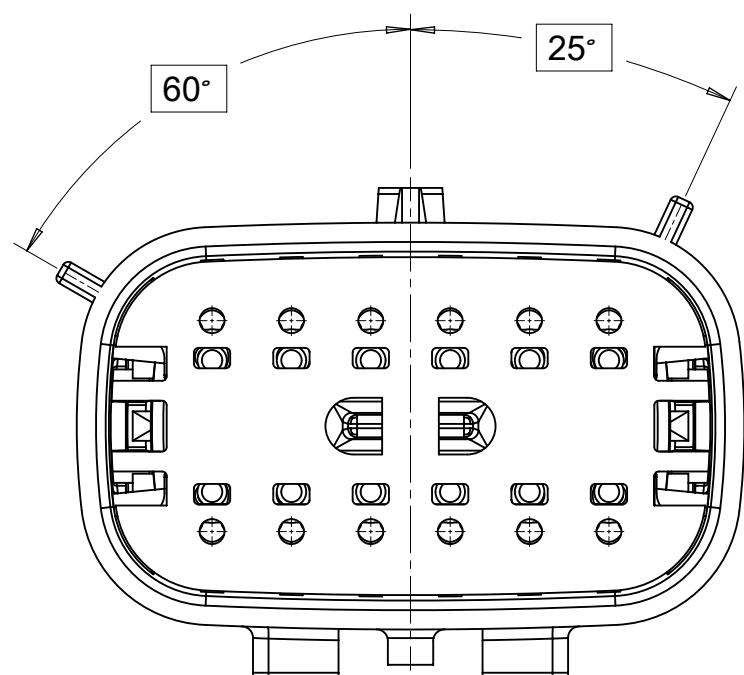
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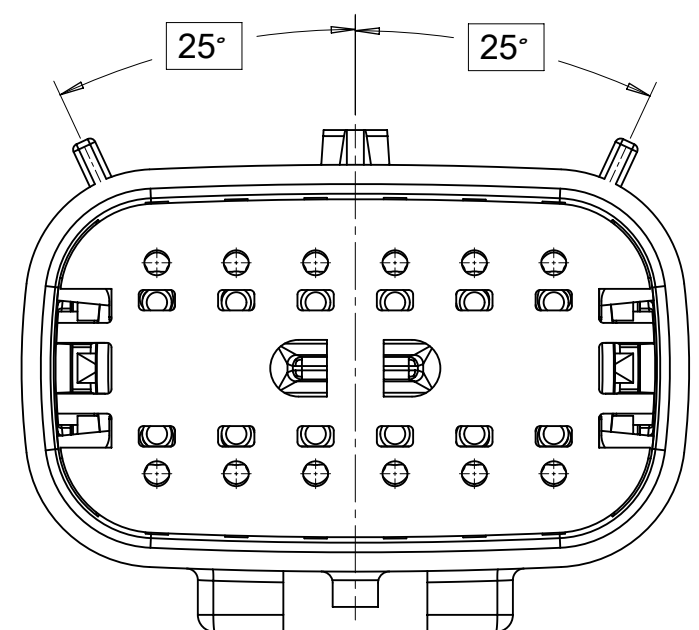
KEY A



KEY B

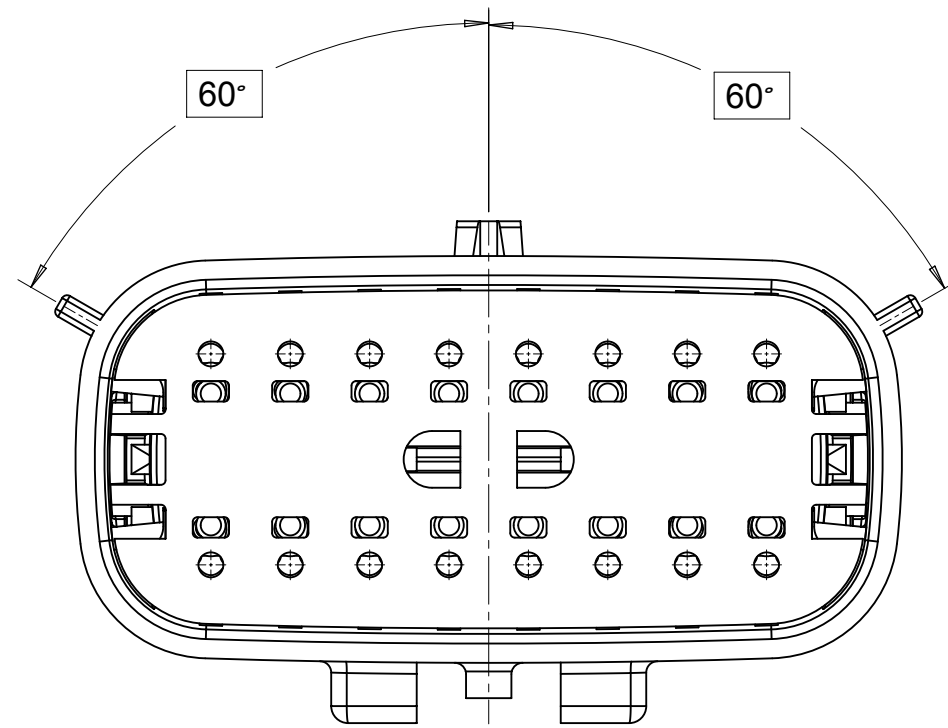


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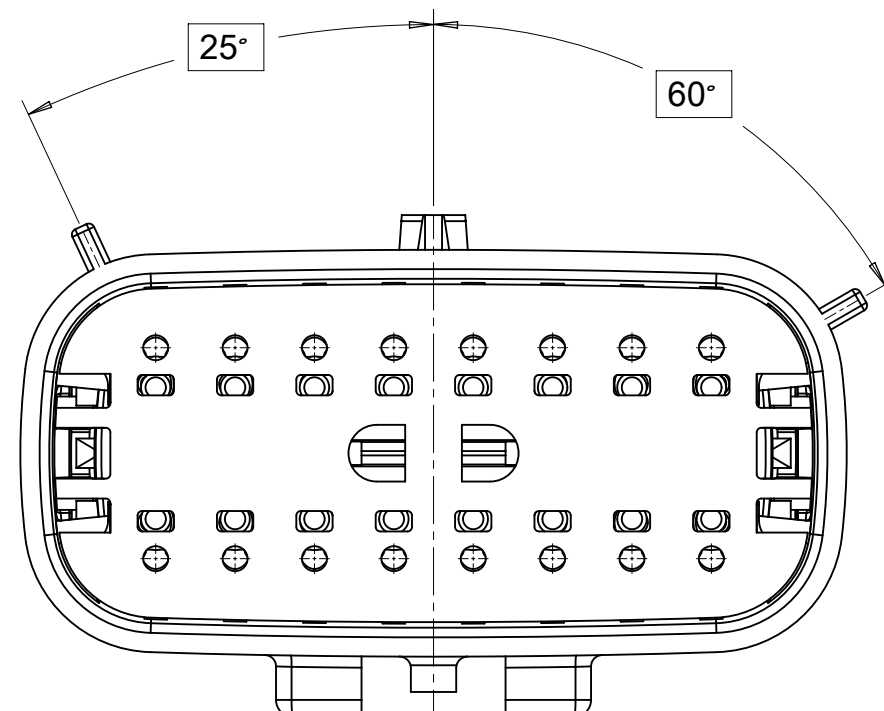


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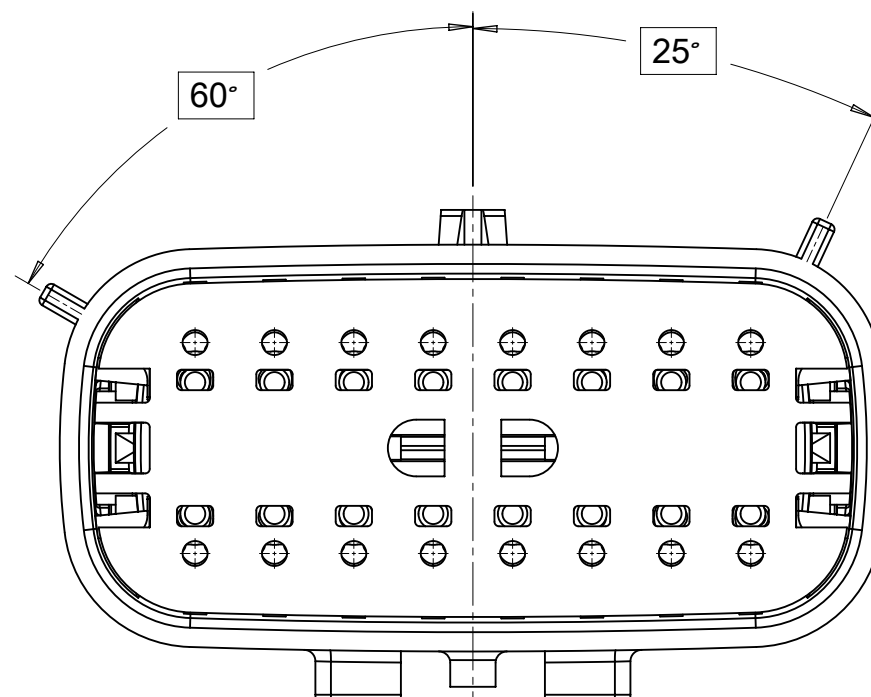
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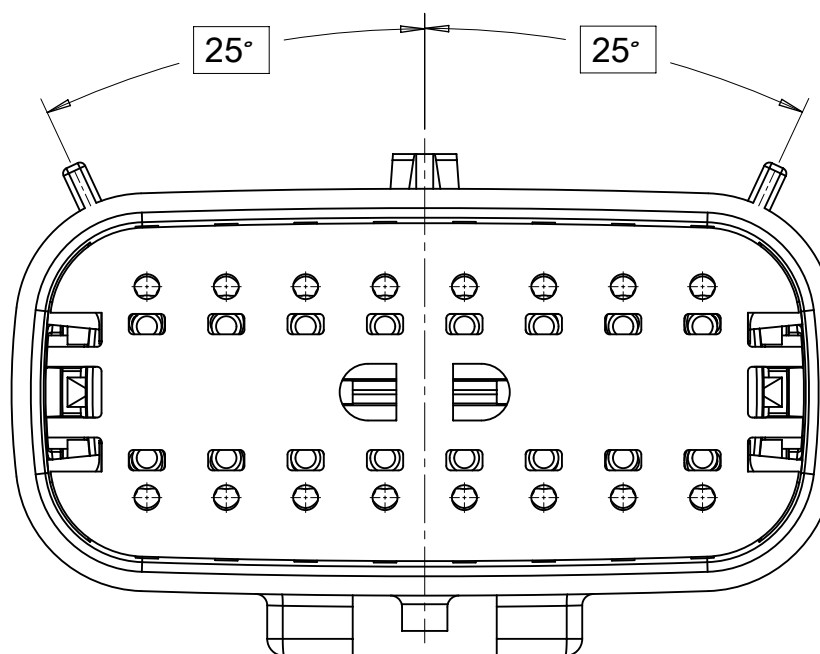
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APPENDIX

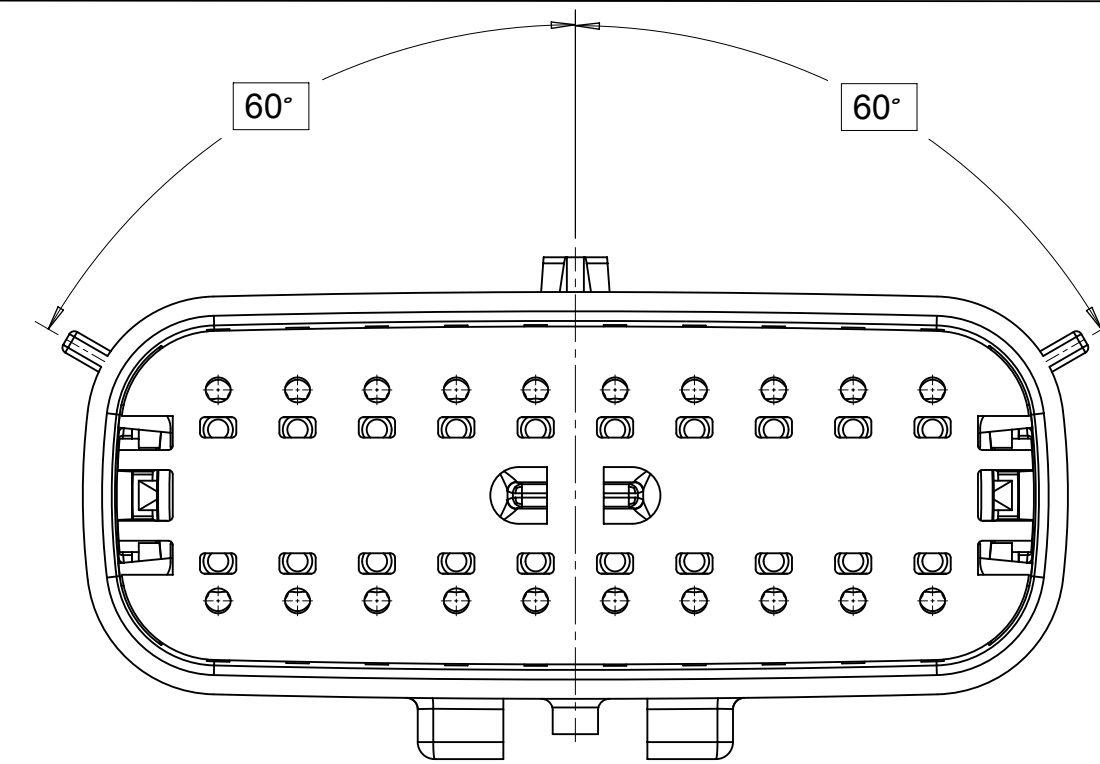


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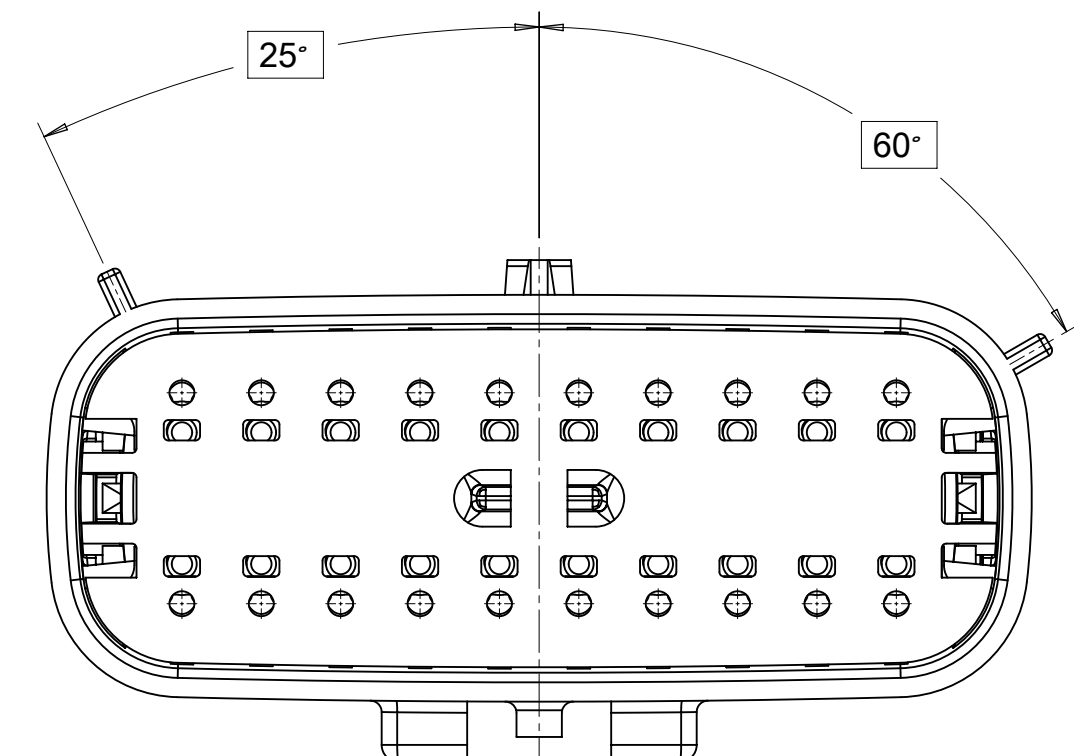


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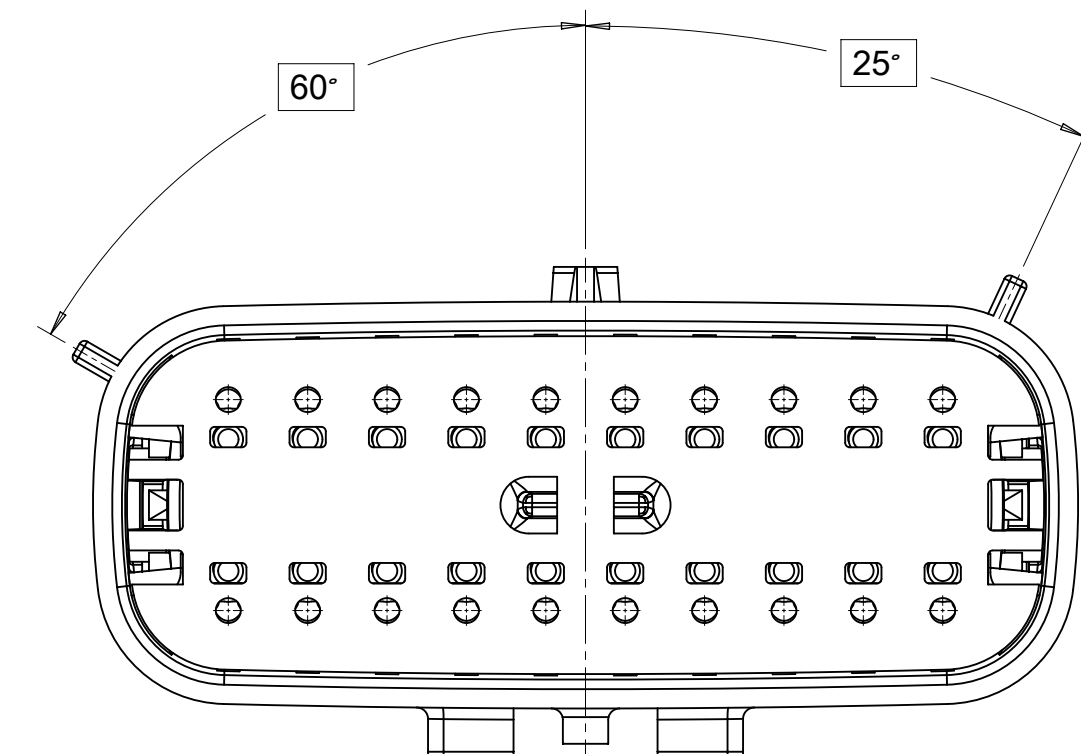
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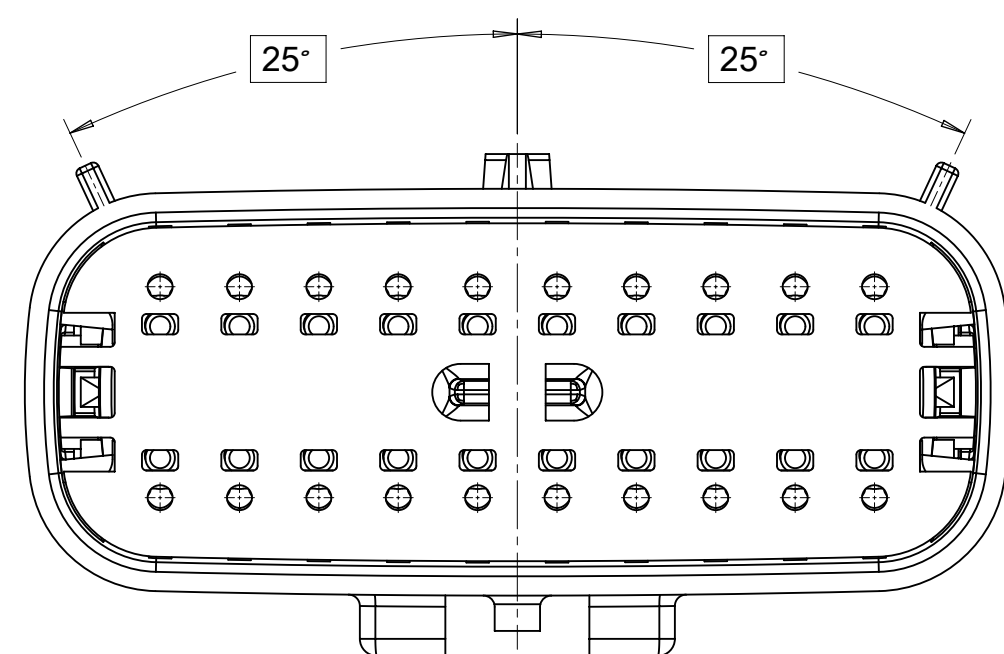
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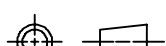
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KEY C

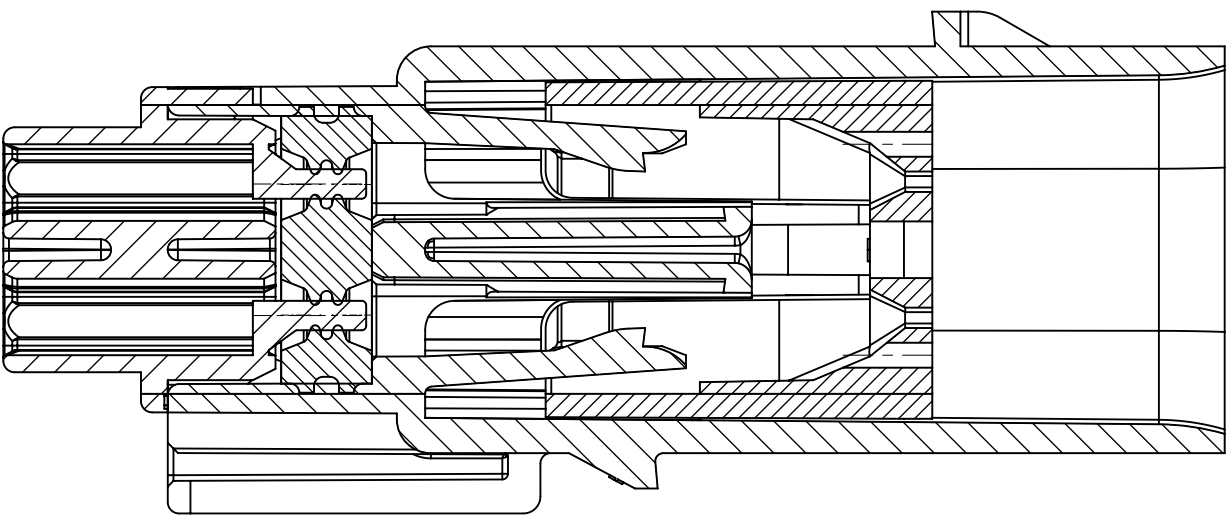
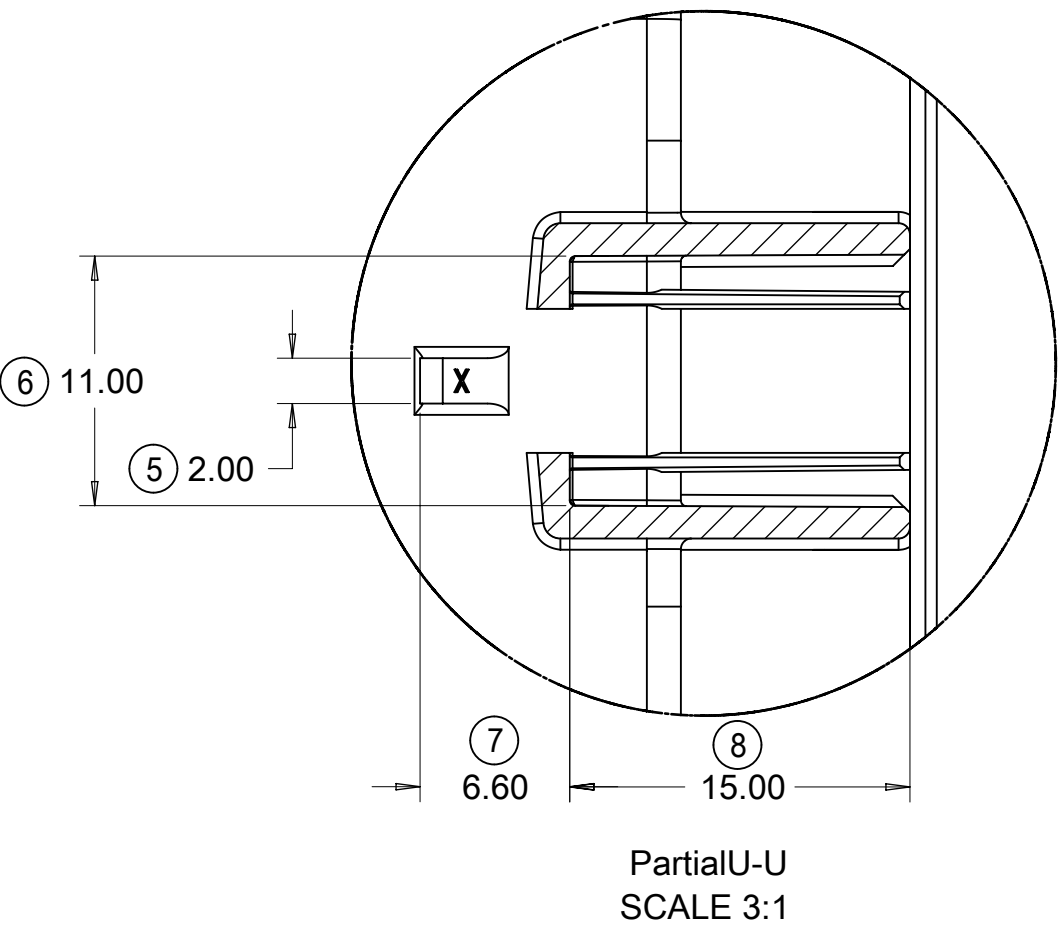
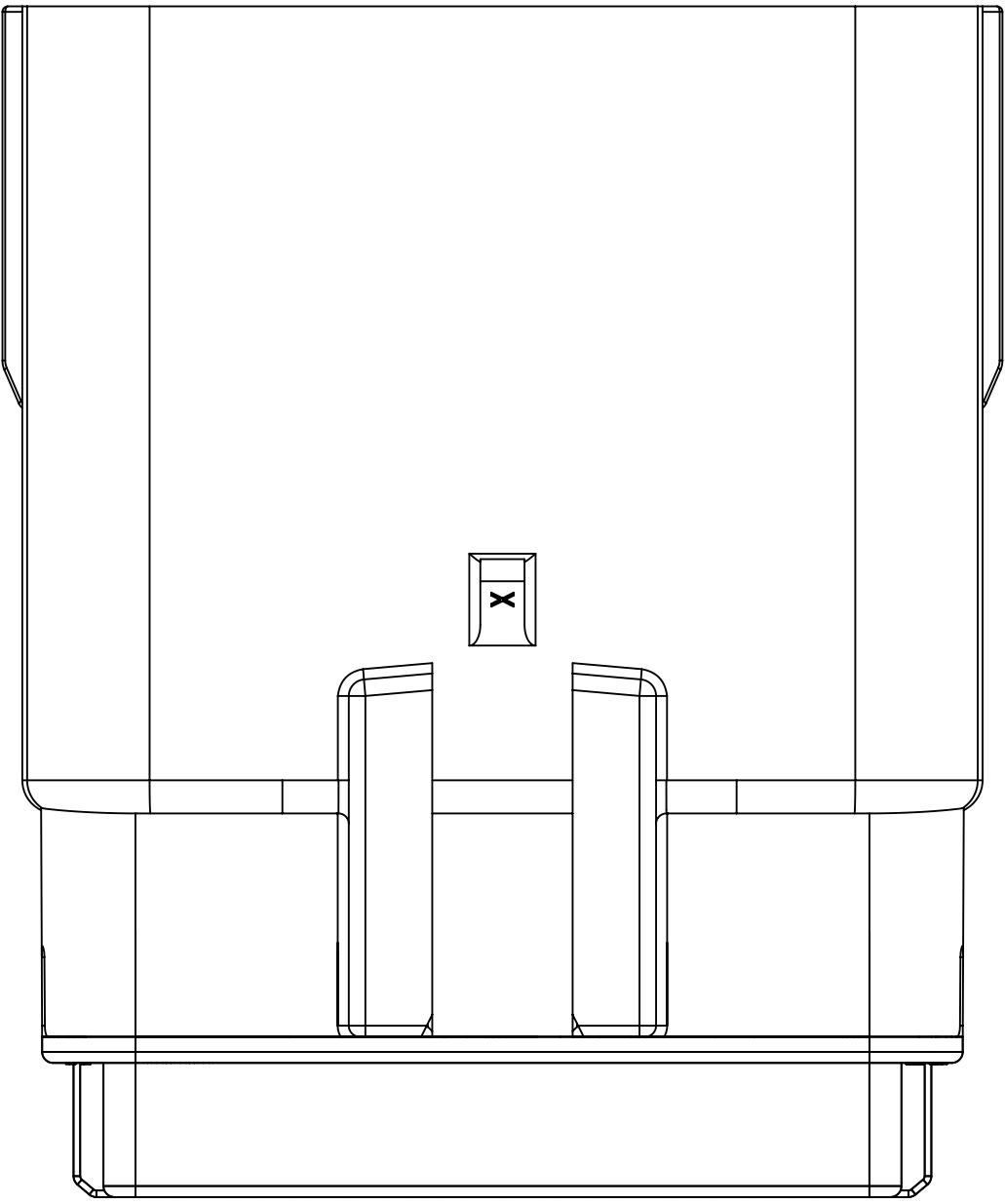
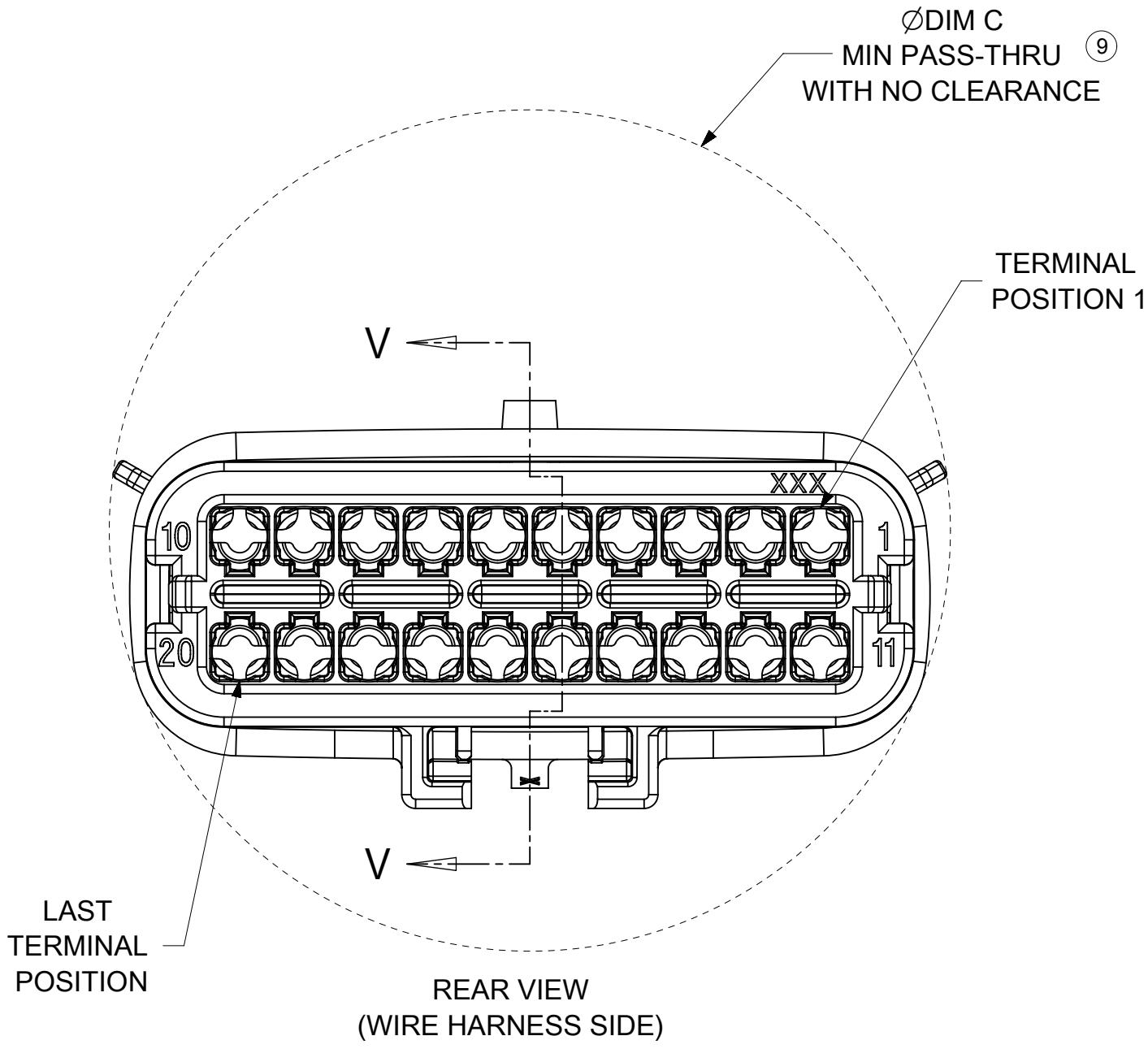
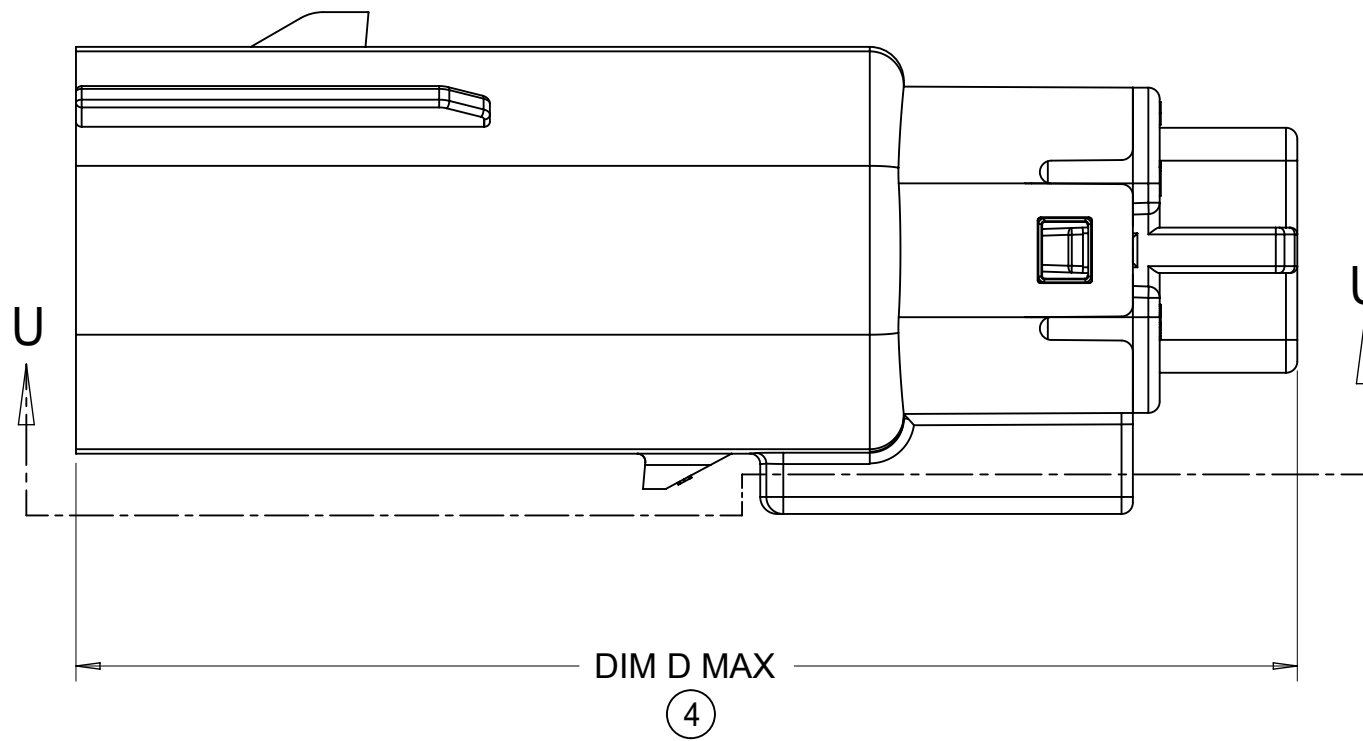
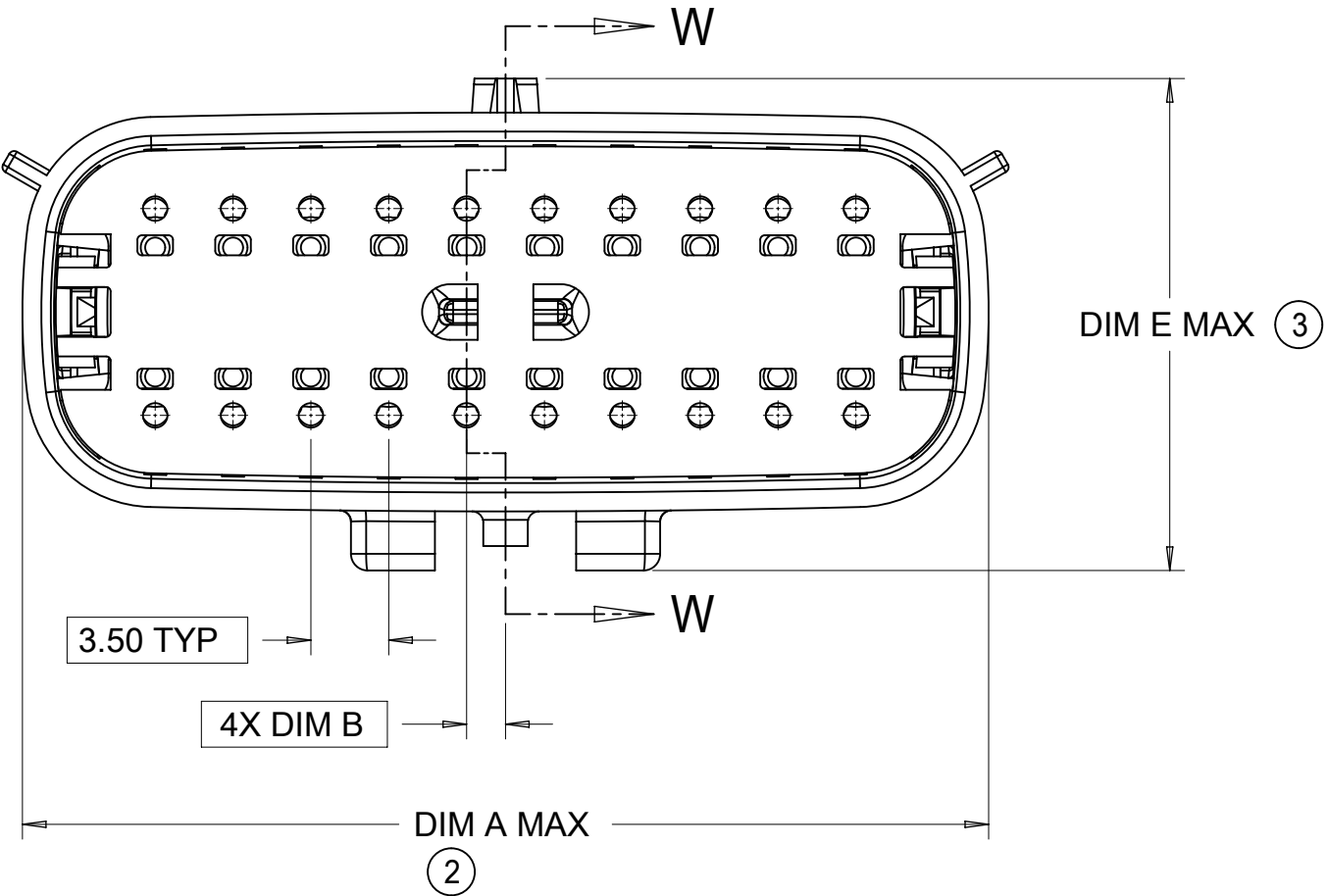
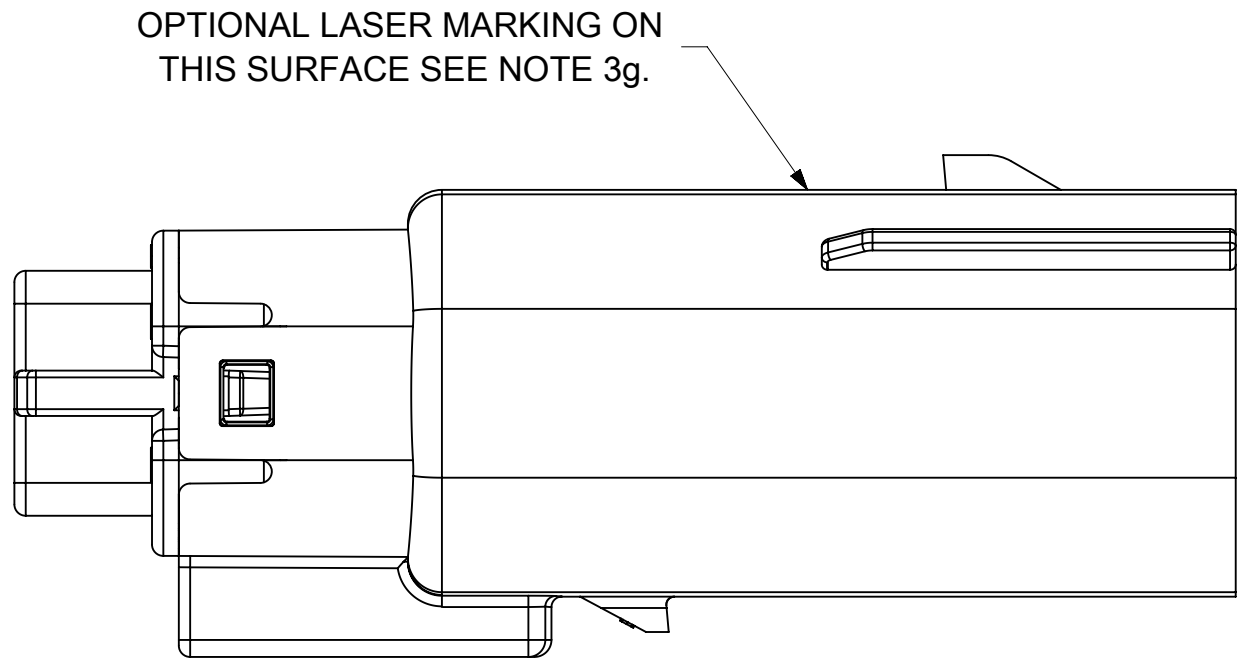


KFY D

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		3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 171650 DRWN: PMANJUNATHAC 2018/01/03 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16				MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL					
ANGULAR TOL ± 1.0°											
4 PLACES ±		INITIAL REVISION: DRWN: APROFFITT 2014/04/28 APPR: VKOSHY 2014/05/14				DOCUMENT NUMBER SD-33482-0001		DOC TYPE PSD	DOC PART 001	REVISION E2	
3 PLACES ±											
2 PLACES ± 0.1		THIRD ANGLE PROJECTION 				MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 11	
1 PLACE ± 0.2											
0 PLACES ±		DRAWING A1-SIZE		SERIES 33482							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

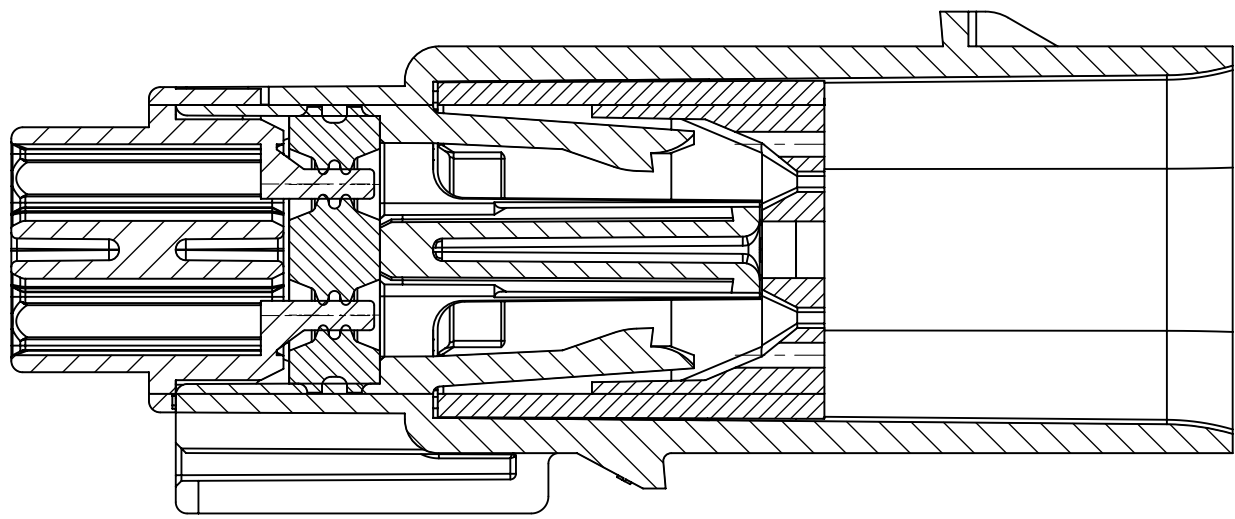
SHEET DESCRIPTION	
BLADE SEALED ASSEMBLY	

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

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex	
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= 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°	CHK'D: MVANSLAMBROU 2018/02/16	APPR: MVANSLAMBROU 2018/02/16
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= 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°	APPR: VKOSHY 2014/05/14	DRWN: APROFFITT 2014/05/14
= 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION
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= 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°	A1-SIZE	33482
= 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°	MATERIAL NUMBER	CUSTOMER
= 0	mm	SCALE	3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°	SD-33482-0001	PSD 001 E2
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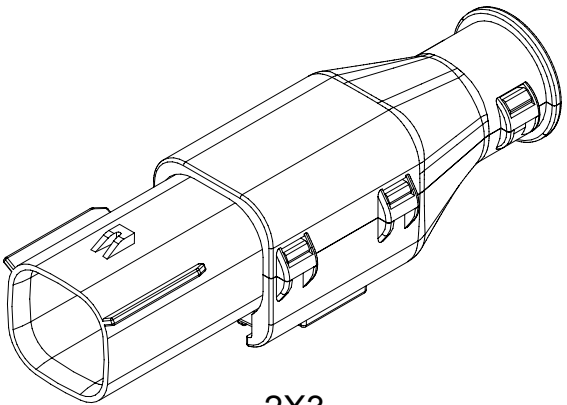
DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16 22:02:26
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SHEET DESCRIPTION
BACKSHELL NOTES

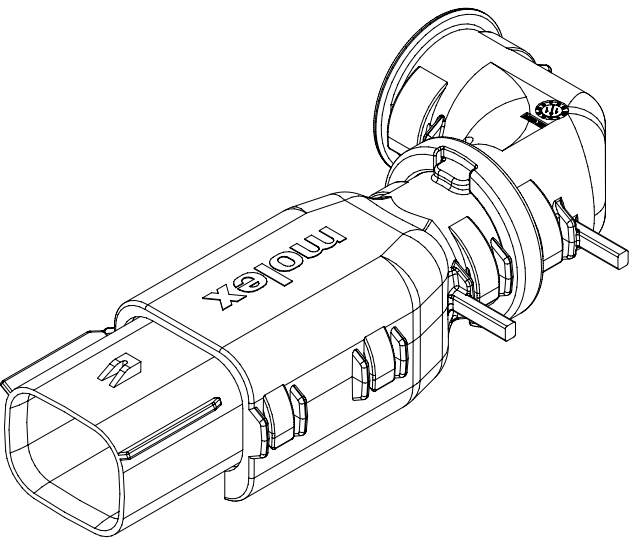
BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

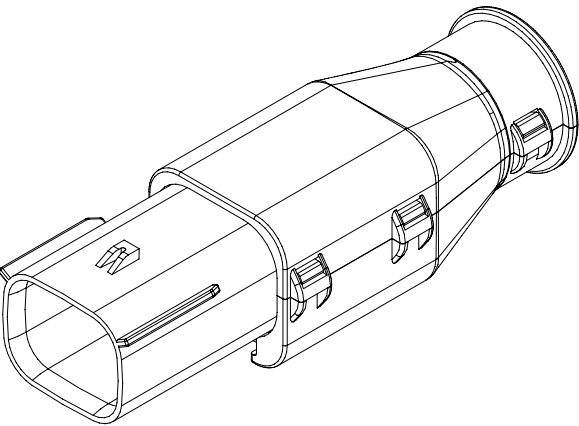
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33482-0001.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
 - DESIGN IS OWNED BY SCHLEMMER 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.



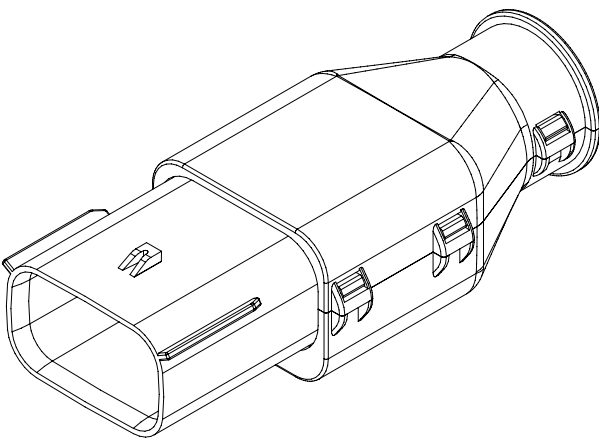
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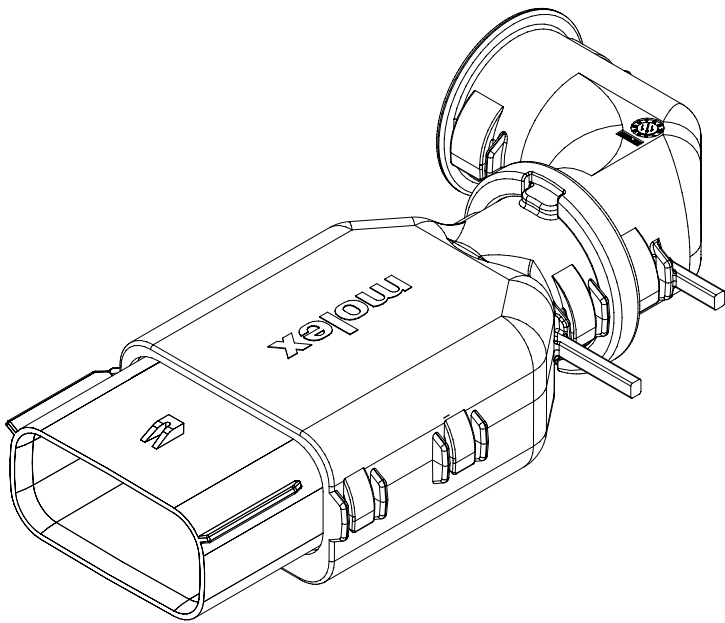
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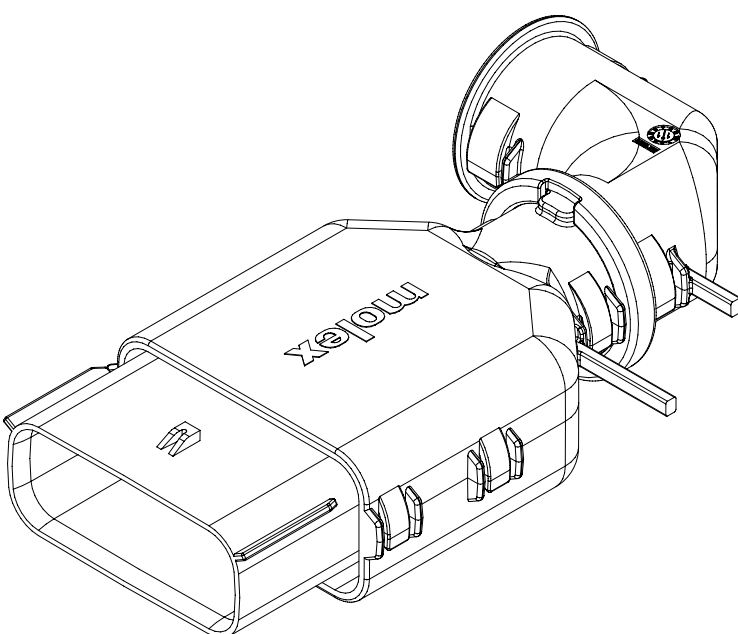
2X4



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

BLADE SEALED ASSEMBLY

BACKSHELL (BKS)

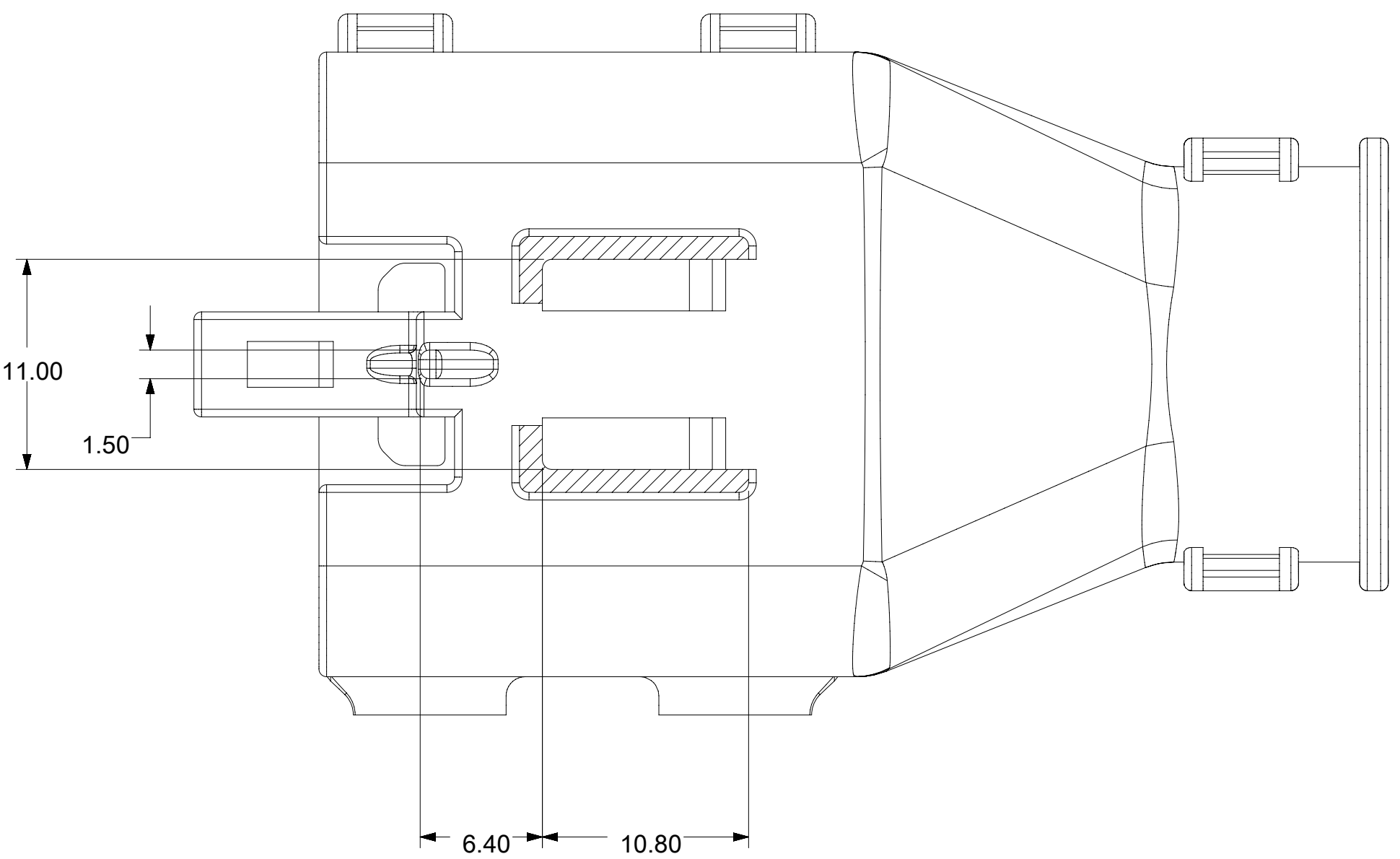
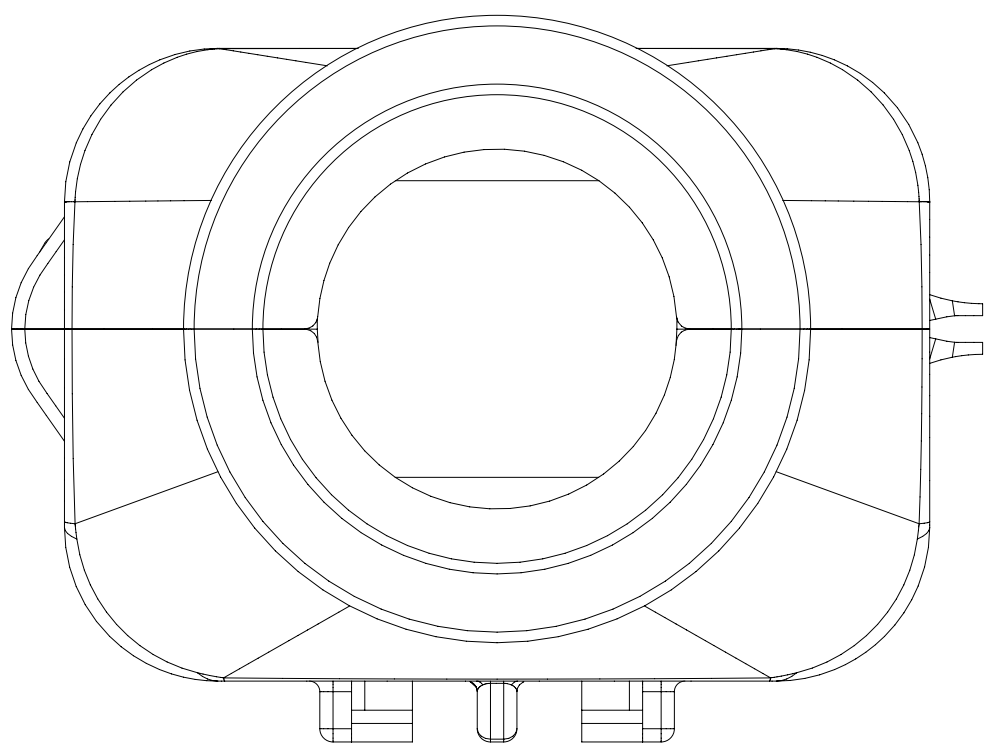
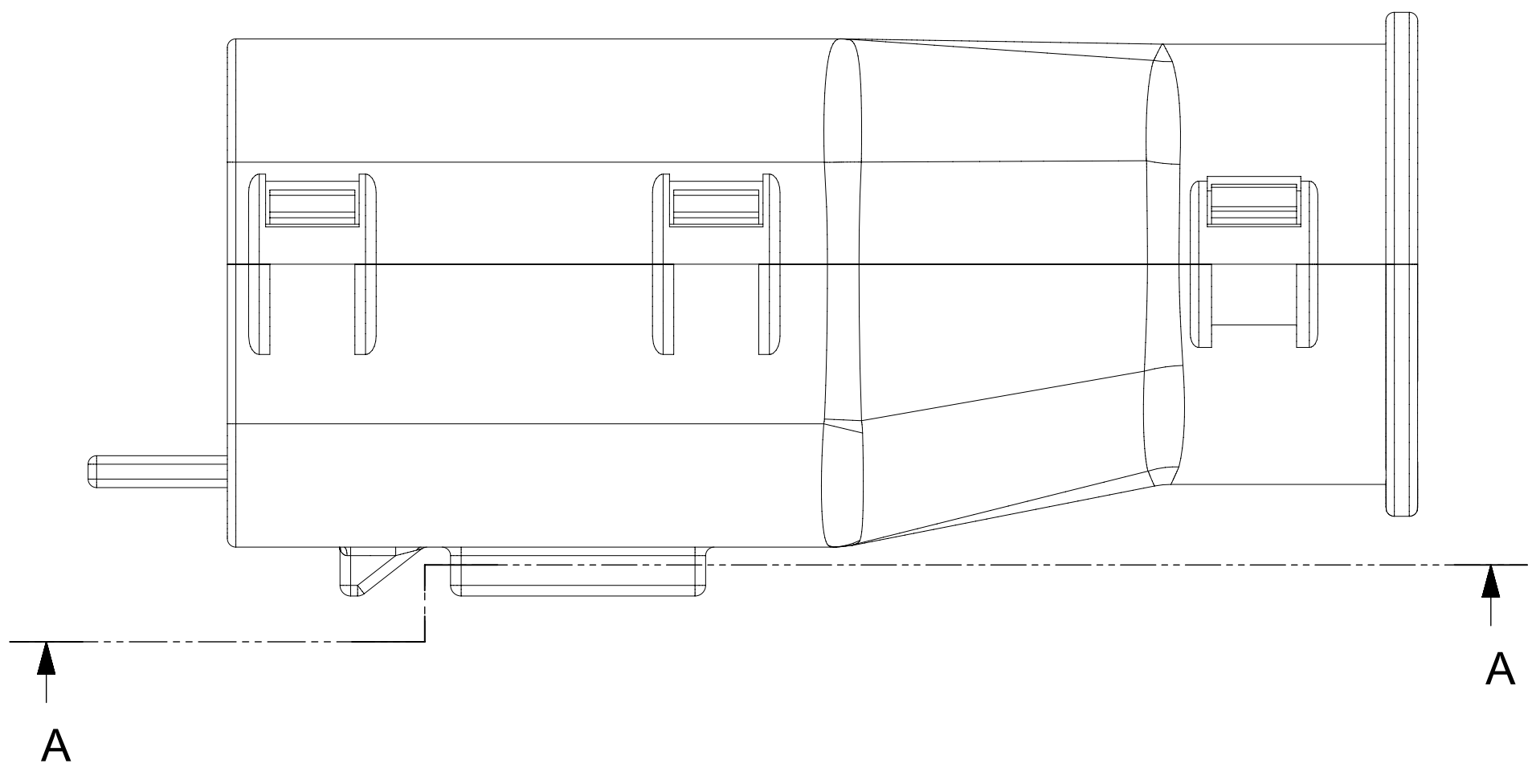
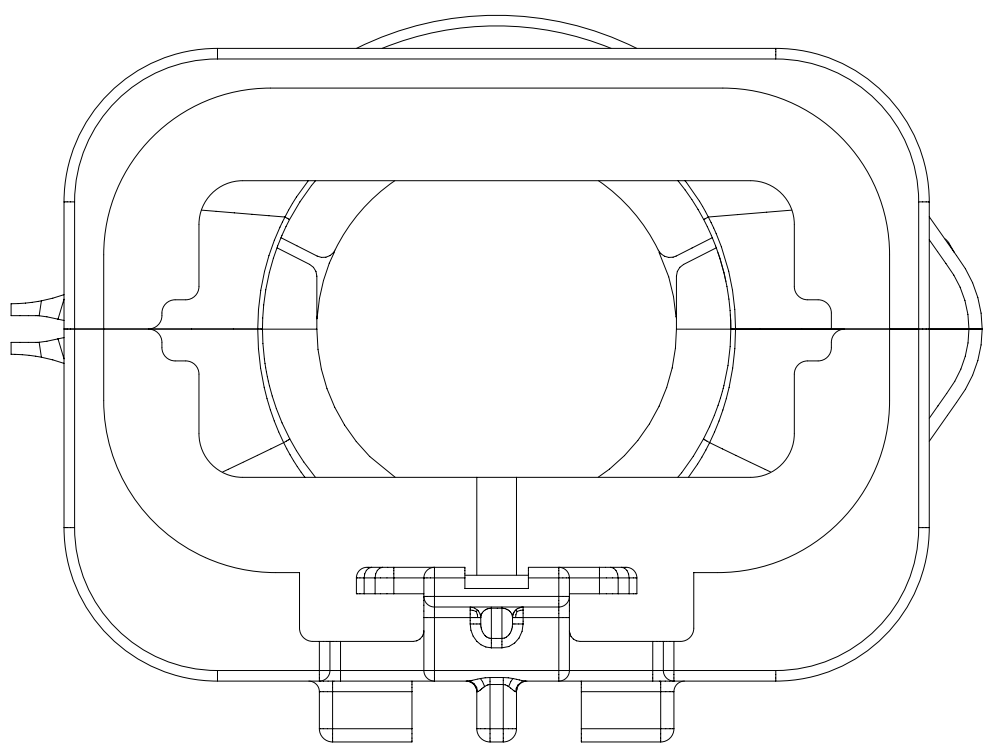
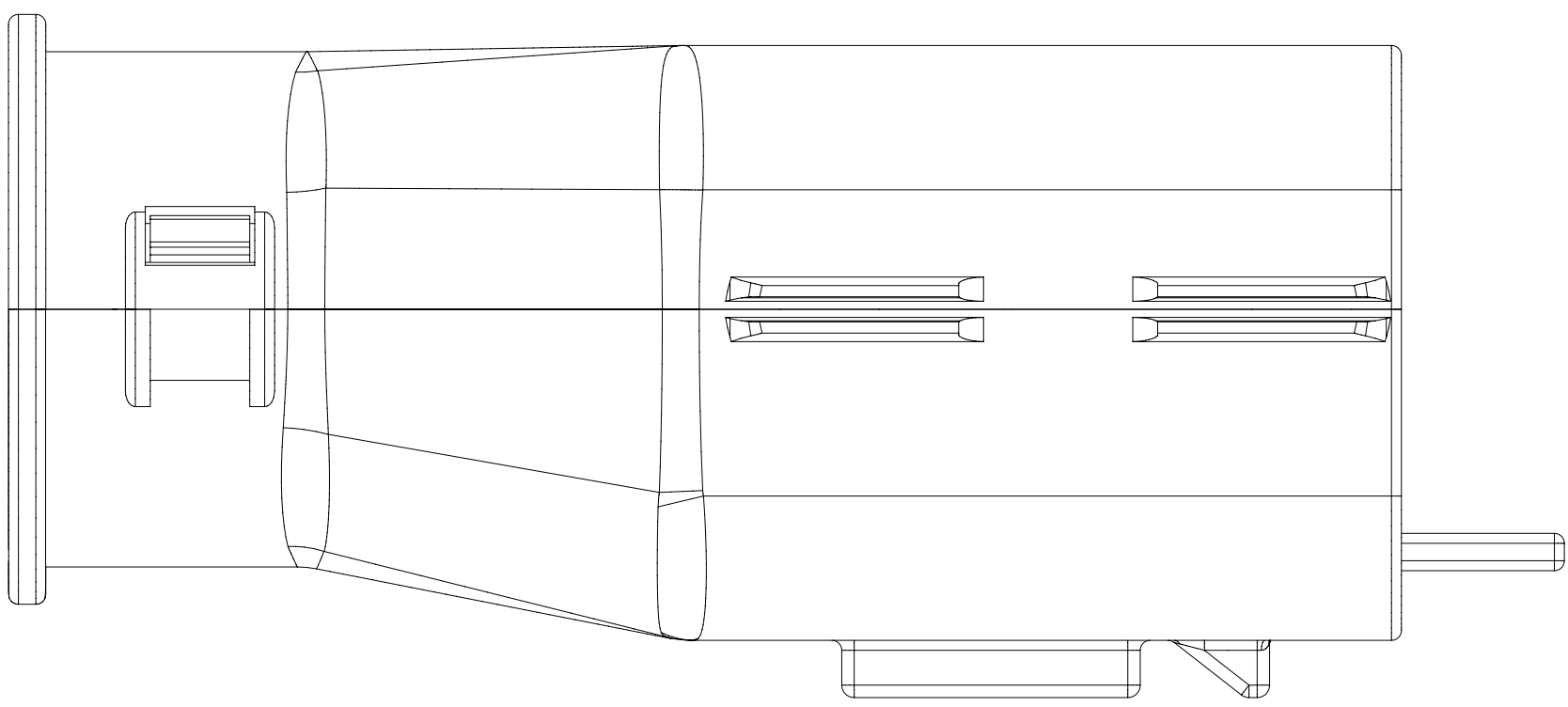
90° ADAPTOR

SCALE 1.5:1

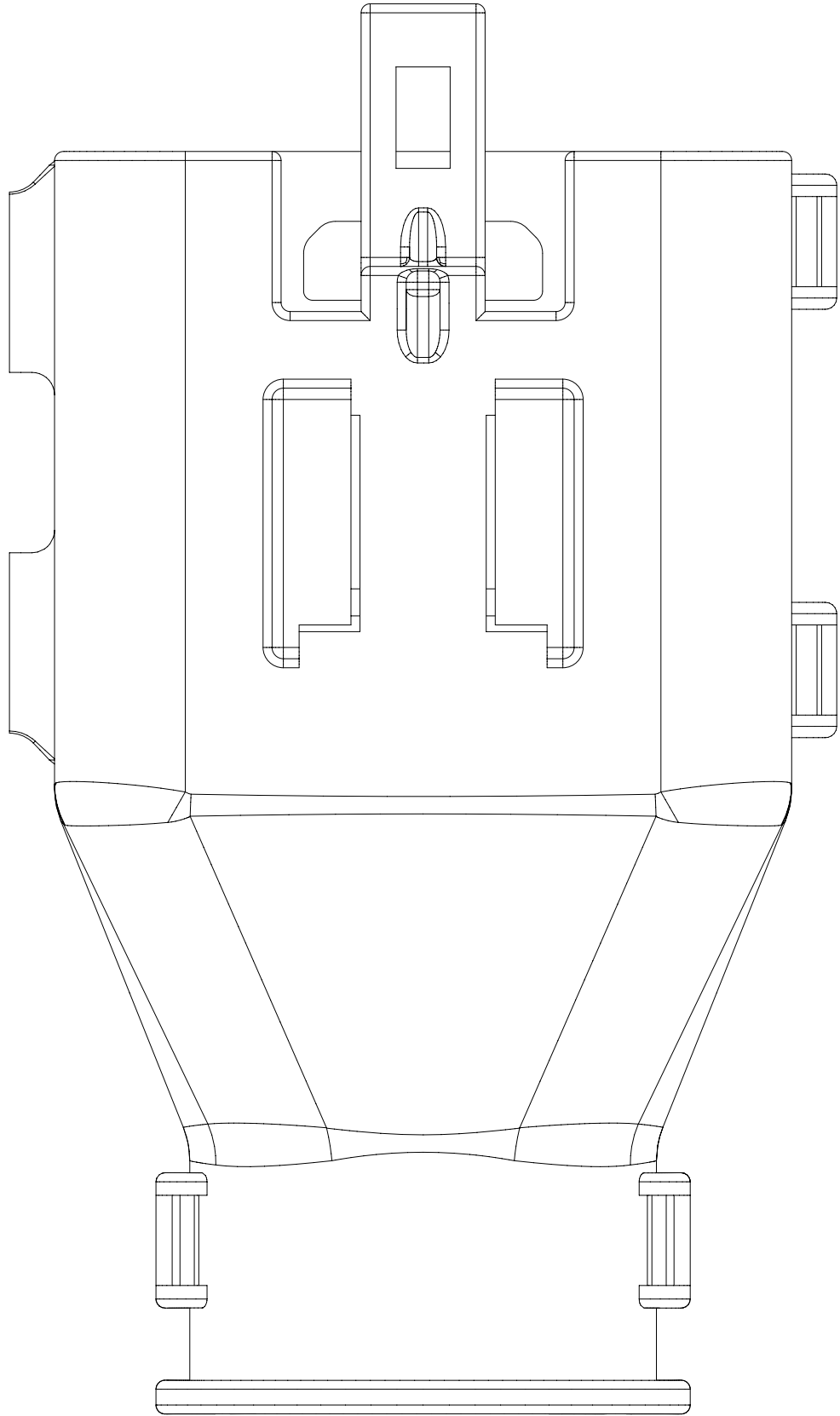
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	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 171650 DRWN: PMANJUNATHAC 2018/01/03 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16 INITIAL REVISION: DRWN: APROFFITT 2014/04/28 APPR: VKOSHY 2014/05/14 THIRD ANGLE PROJECTION DRAWING SERIES A1-SIZE 33482			molex MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL				
	mm		1.5:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 1.0 °											
	4 PLACES		±					DOCUMENT NUMBER SD-33482-0001				
	3 PLACES		±									
	2 PLACES		± 0.1					PSD001E2				
	1 PLACE		± 0.2									
	0 PLACES		±					MATERIAL NUMBER CUSTOMER GENERAL MARKET				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16 22:02:26
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SCHLEMMER BACKSHELL	

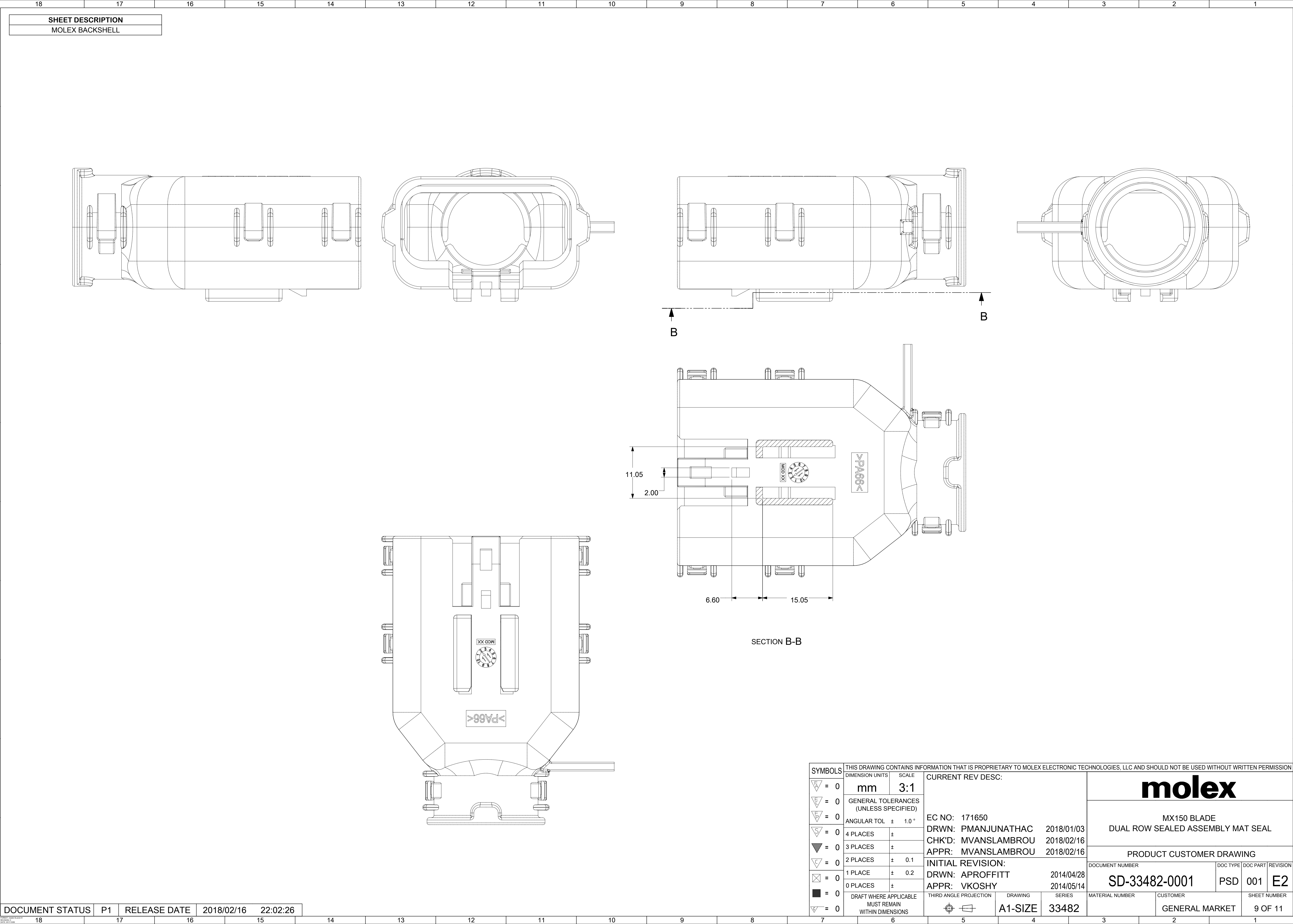


SECTION A-A

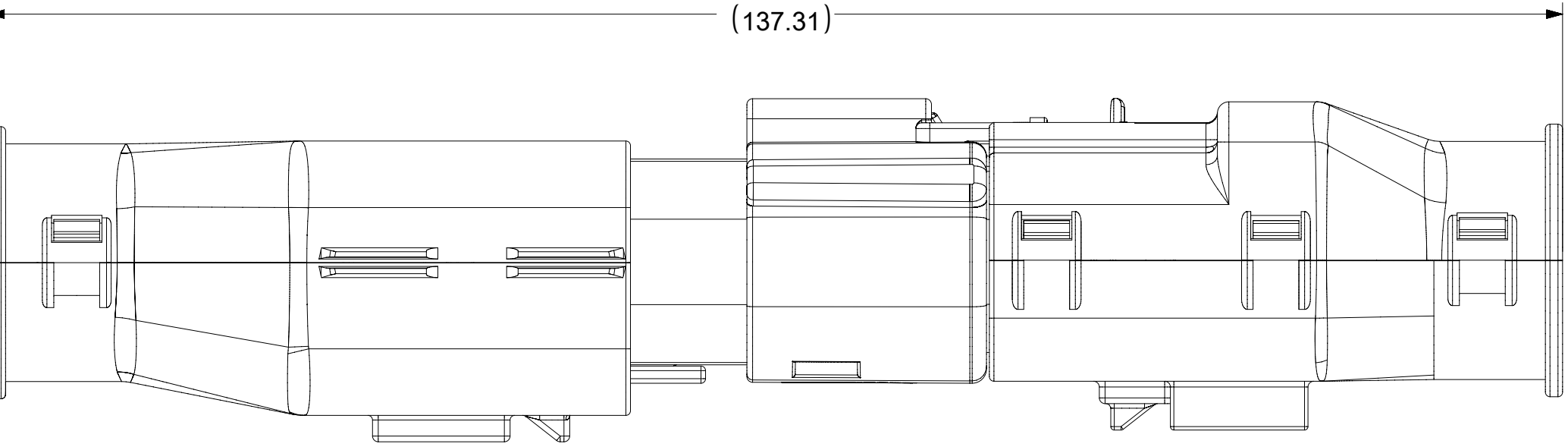


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
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	mm		3.5:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 171650 DRWN: PMANJUNATHAC 2018/01/03 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16 INITIAL REVISION: DRWN: APROFFITT 2014/04/28 APPR: VKOSHY 2014/05/14			PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± 1.0 °												
	4 PLACES ±							DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
	3 PLACES ±												
	2 PLACES ± 0.1				SD-33482-0001			PSD	001	E2			
	1 PLACE ± 0.2												
	0 PLACES ±				MATERIAL NUMBER			CUSTOMER		SHEET NUMBER			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												
				THIRD ANGLE PROJECTION		DRAWING	SERIES						
						A1-SIZE	33482						

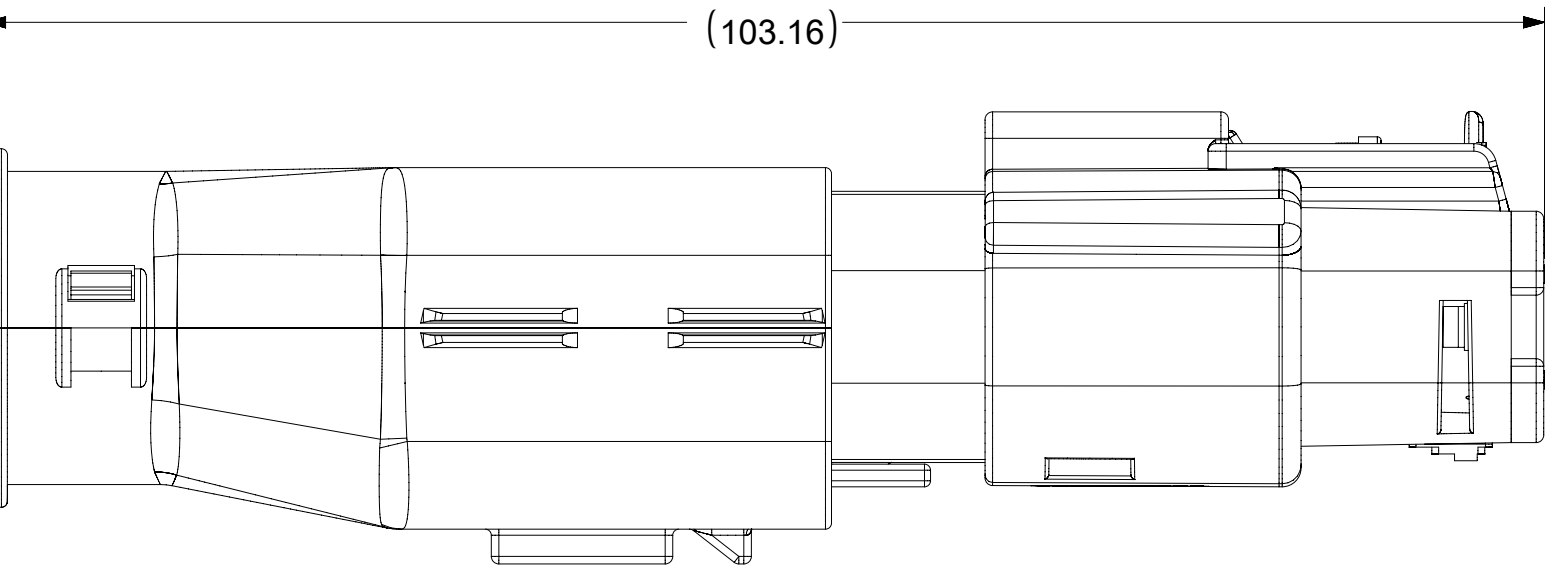
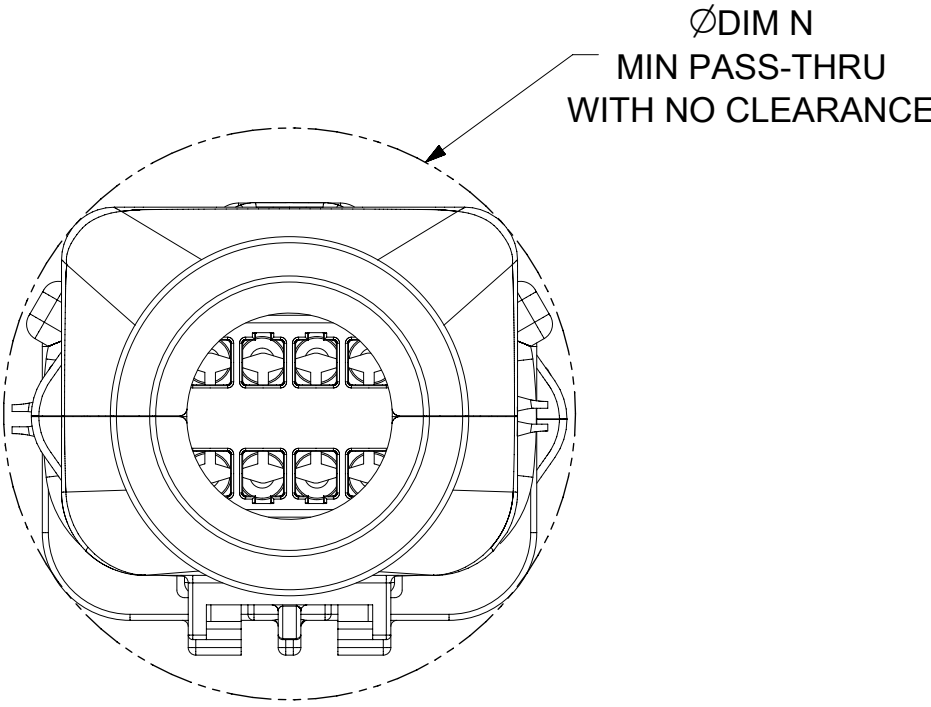
DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16 22:02:26
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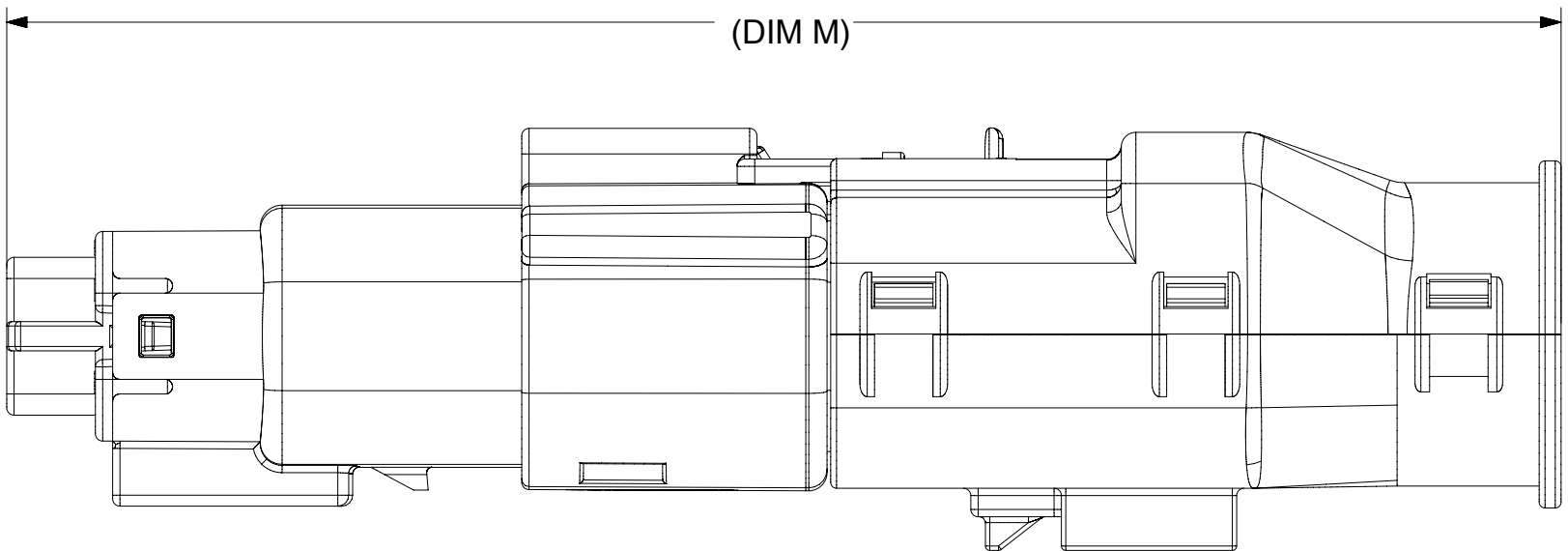
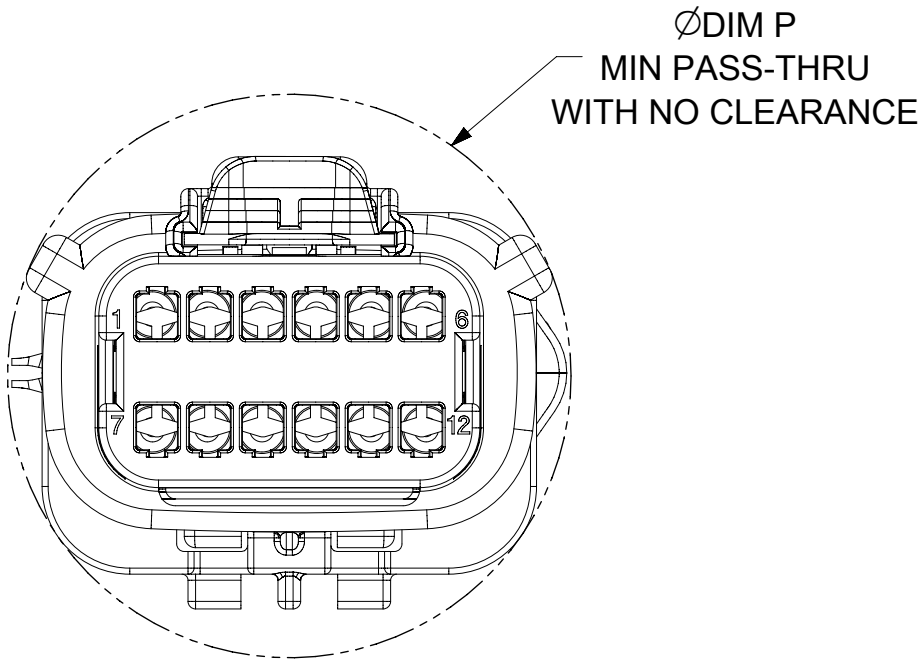
SHEET DESCRIPTION	
SCHLEMMER BACKSHELL CONFIGURATIONS	



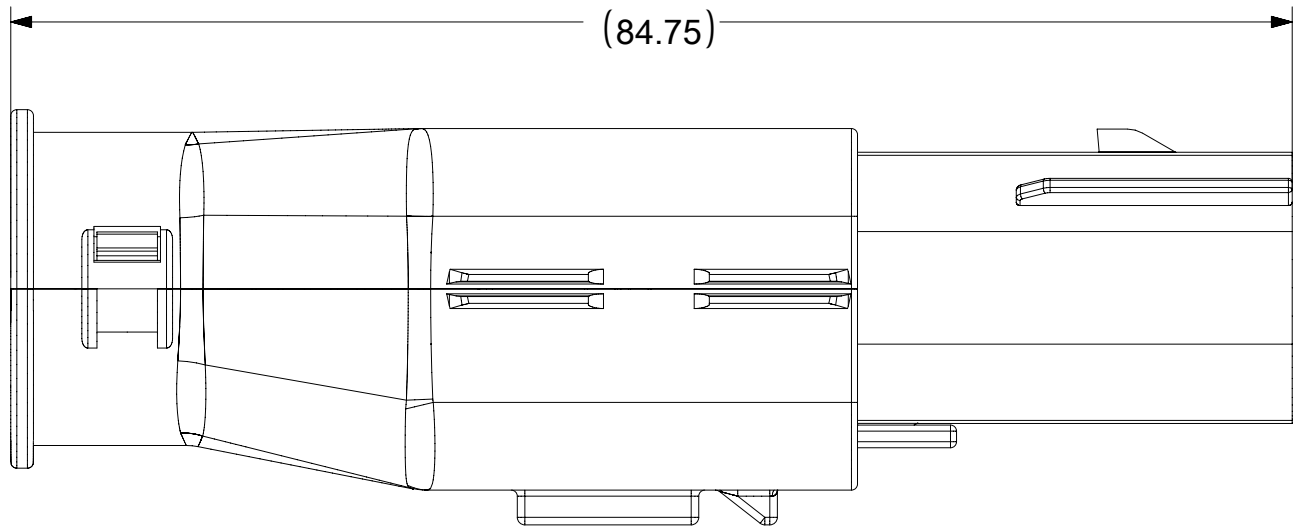
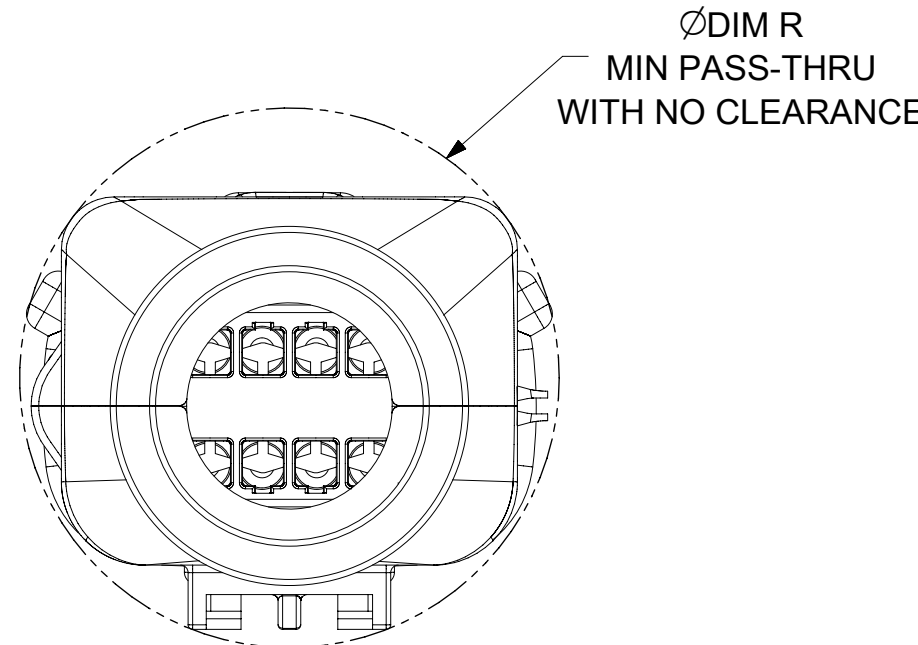
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



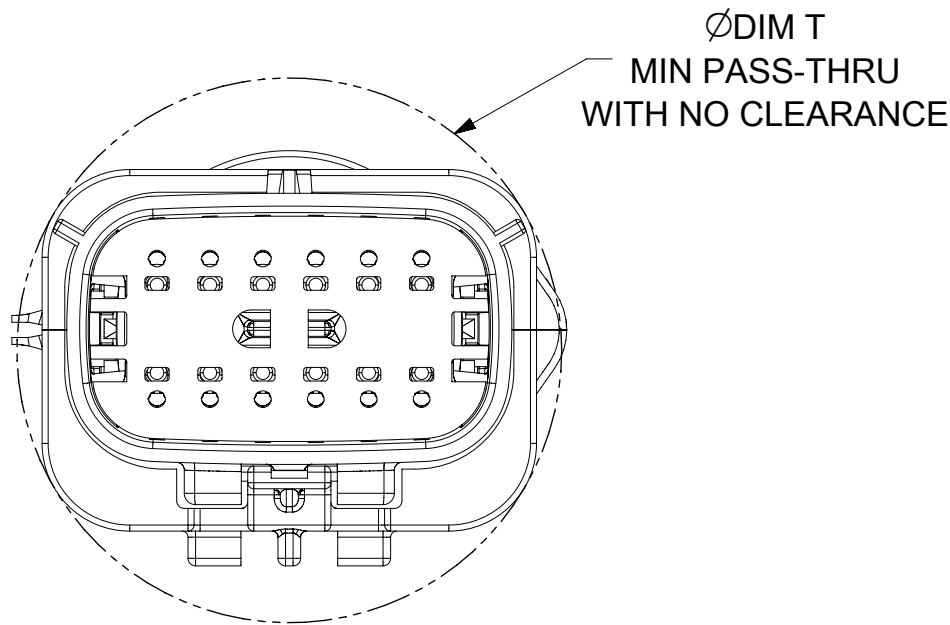
OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



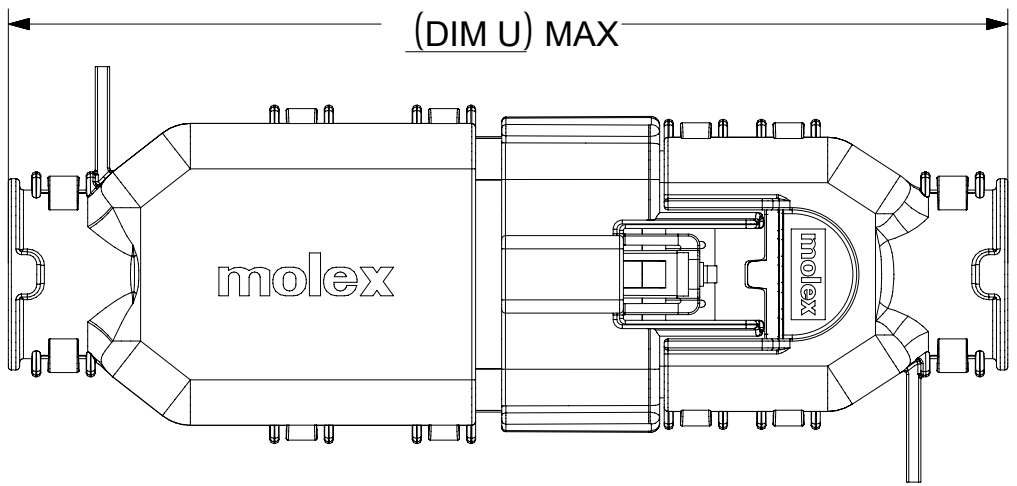
BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL



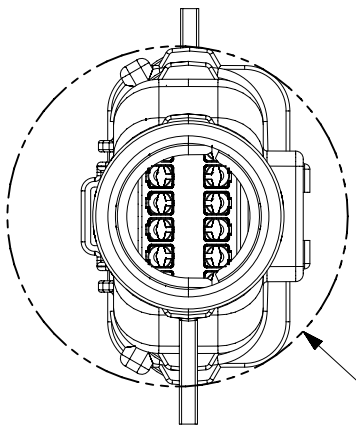
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	T
2X3	STANDARD	STANDARD	106.83	32.75	31.75	29.00	29.50
	LENGTHENED		108.71				
2X4	STANDARD	STANDARD	106.83	33.50	31.90	30.70	30.70
2X6	STANDARD	STANDARD	106.83	37.84	37.27	35.83	36.83

DOCUMENT STATUS	P1	RELEASE DATE	2018/02/16	22:02:26
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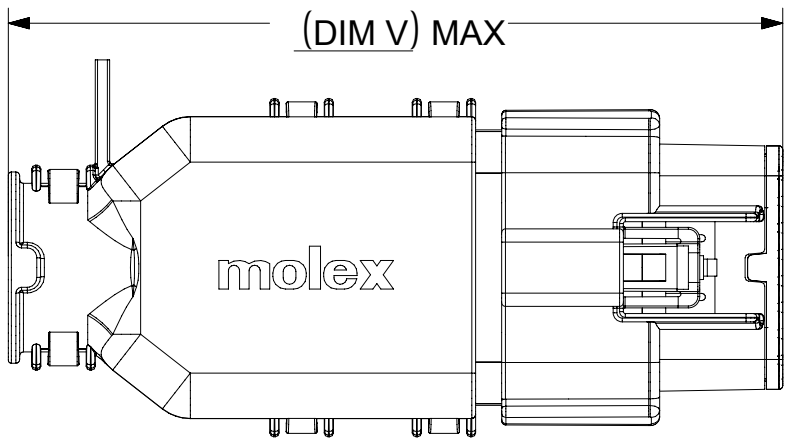
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:												
	mm		2:1		EC NO: 171650 DRWN: PMANJUNATHAC 2018/01/03 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16 INITIAL REVISION: DRWN: APROFFITT 2014/04/28 APPR: VKOSHY 2014/05/14												
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL		± 1.0 °														
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		± 0.1		PRODUCT CUSTOMER DRAWING												
	1 PLACE		± 0.2														
	0 PLACES		±														
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
						A1-SIZE		33482		SD-33482-0001		PSD		001		E2	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				10 OF 11	



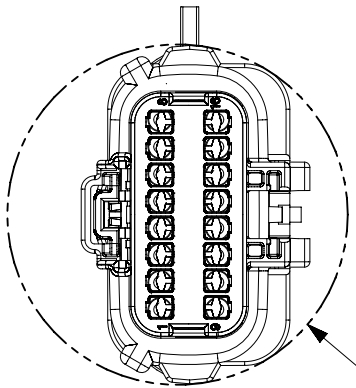
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



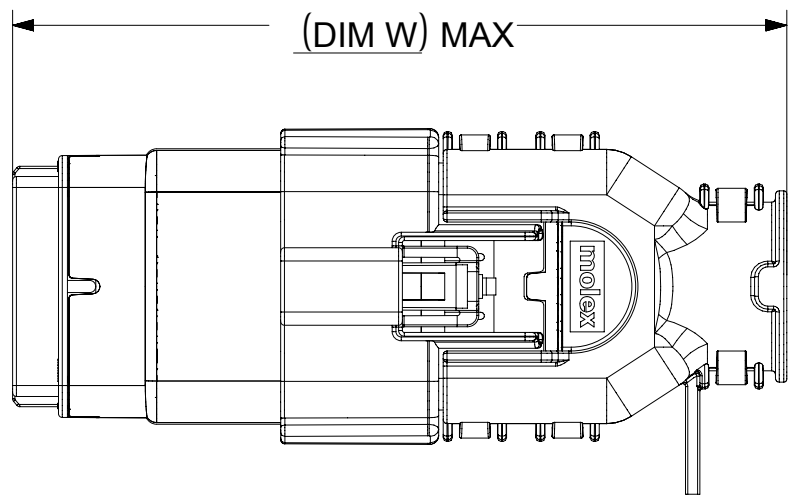
(Ø DIM AA)
MIN PASS-THRU
WITH NO CLEARANCE



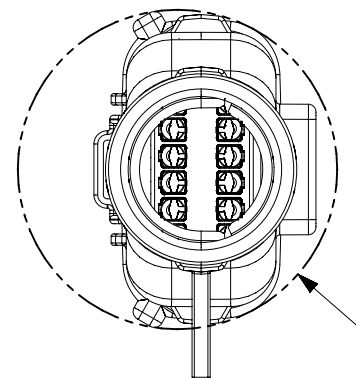
OVERALL MATED SYSTEM WITH BLADE BACKSHELL



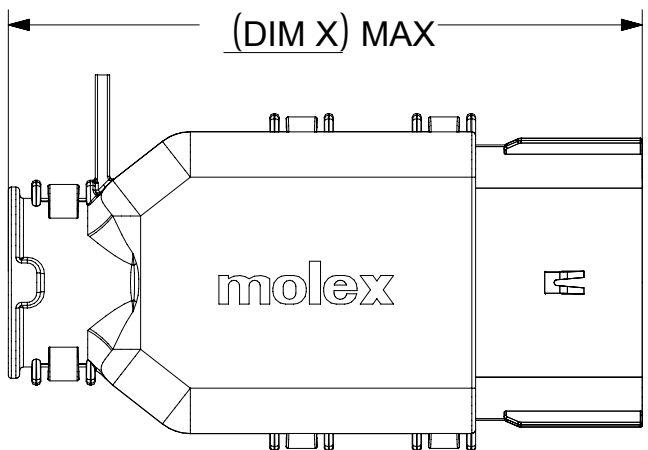
(Ø DIM AB)
MIN PASS-THRU
WITH NO CLEARANCE



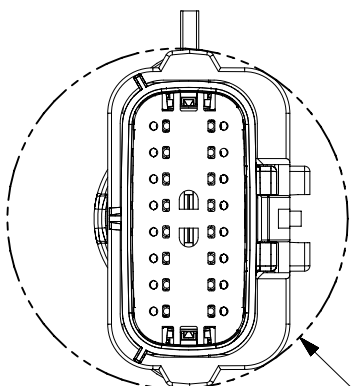
OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



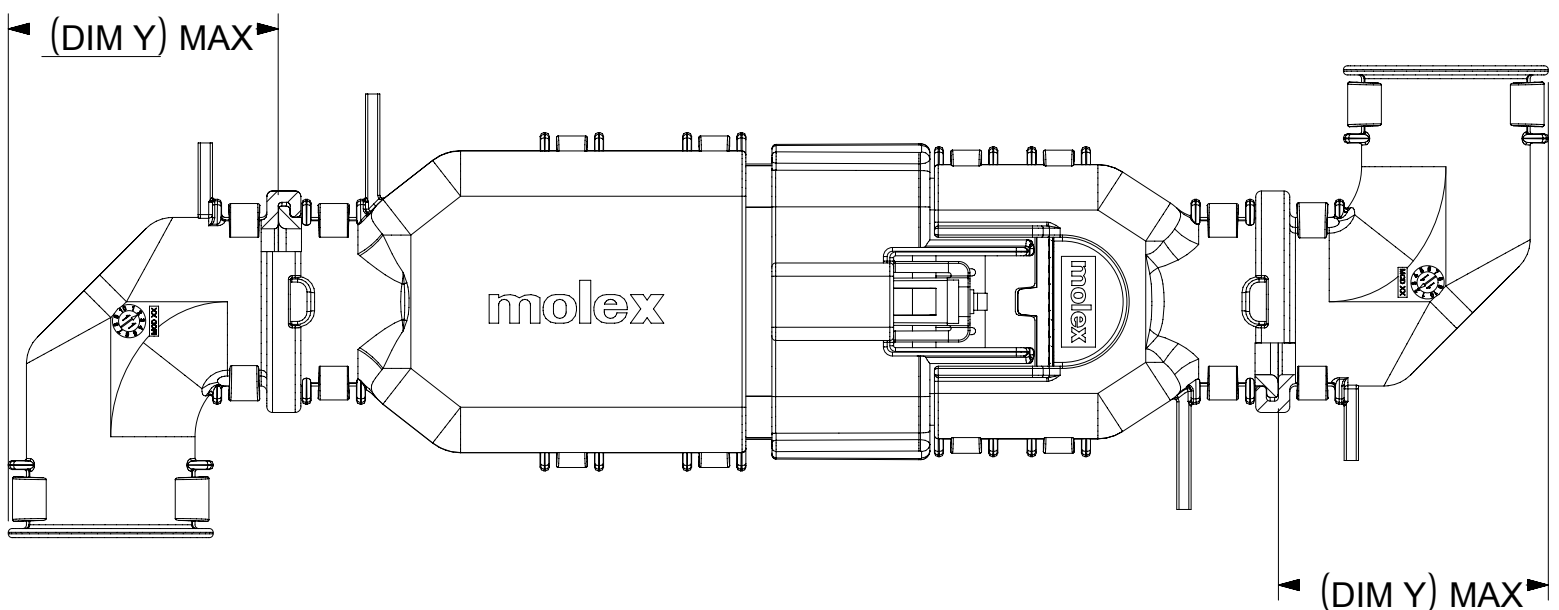
(Ø DIM AC)
MIN PASS-THRU
WITH NO CLEARANCE



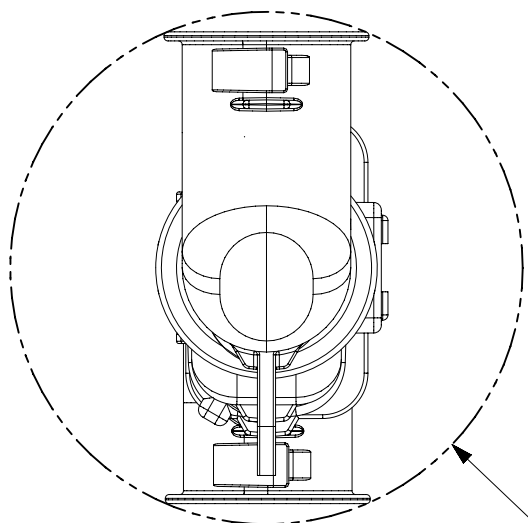
BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL



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



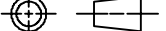
ADD THE VALUE OF 'Y' TO THE TOTAL DIMENSION
WHENEVER ADAPTOR IS USED



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

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

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		1:1														
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 171650 DRWN: PMANJUNATHAC 2018/01/03 CHK'D: MVANSLAMBROU 2018/02/16 APPR: MVANSLAMBROU 2018/02/16					MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL							
 = 0																	
 = 0	ANGULAR TOL ± 1.0 °				INITIAL REVISION: DRWN: APROFFITT 2014/04/28 APPR: VKOSHY 2014/05/14					PRODUCT CUSTOMER DRAWING							
 = 0	4 PLACES		±														
 = 0	3 PLACES		±														
 = 0	2 PLACES		± 0.1														
 = 0	1 PLACE		± 0.2		THIRD ANGLE PROJECTION					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
 = 0	0 PLACES		±							SD-33482-0001		PSD		001		E2	
 = 0																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
= 0							A1-SIZE		33482				GENERAL MARKET		11 OF 11		