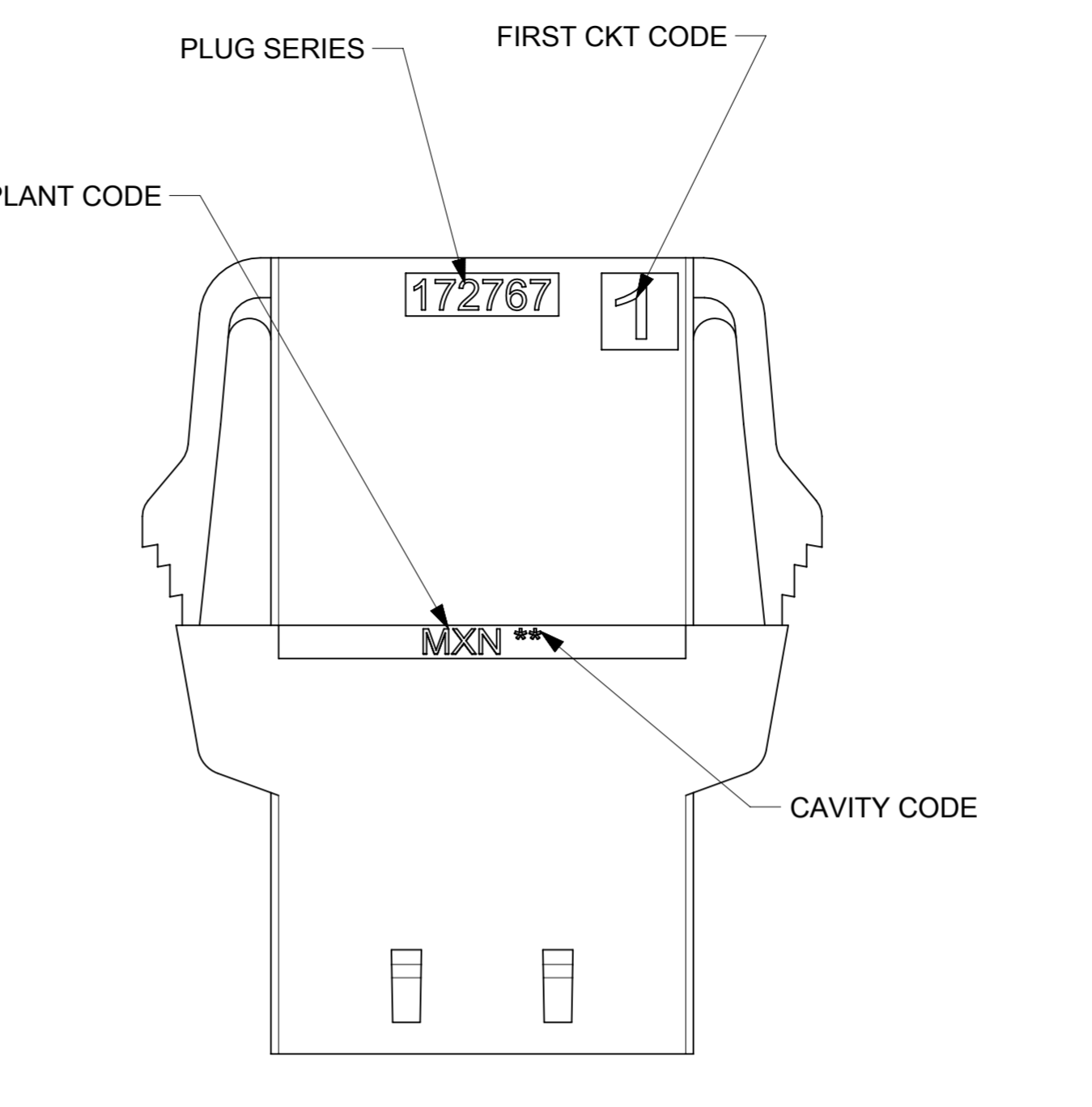
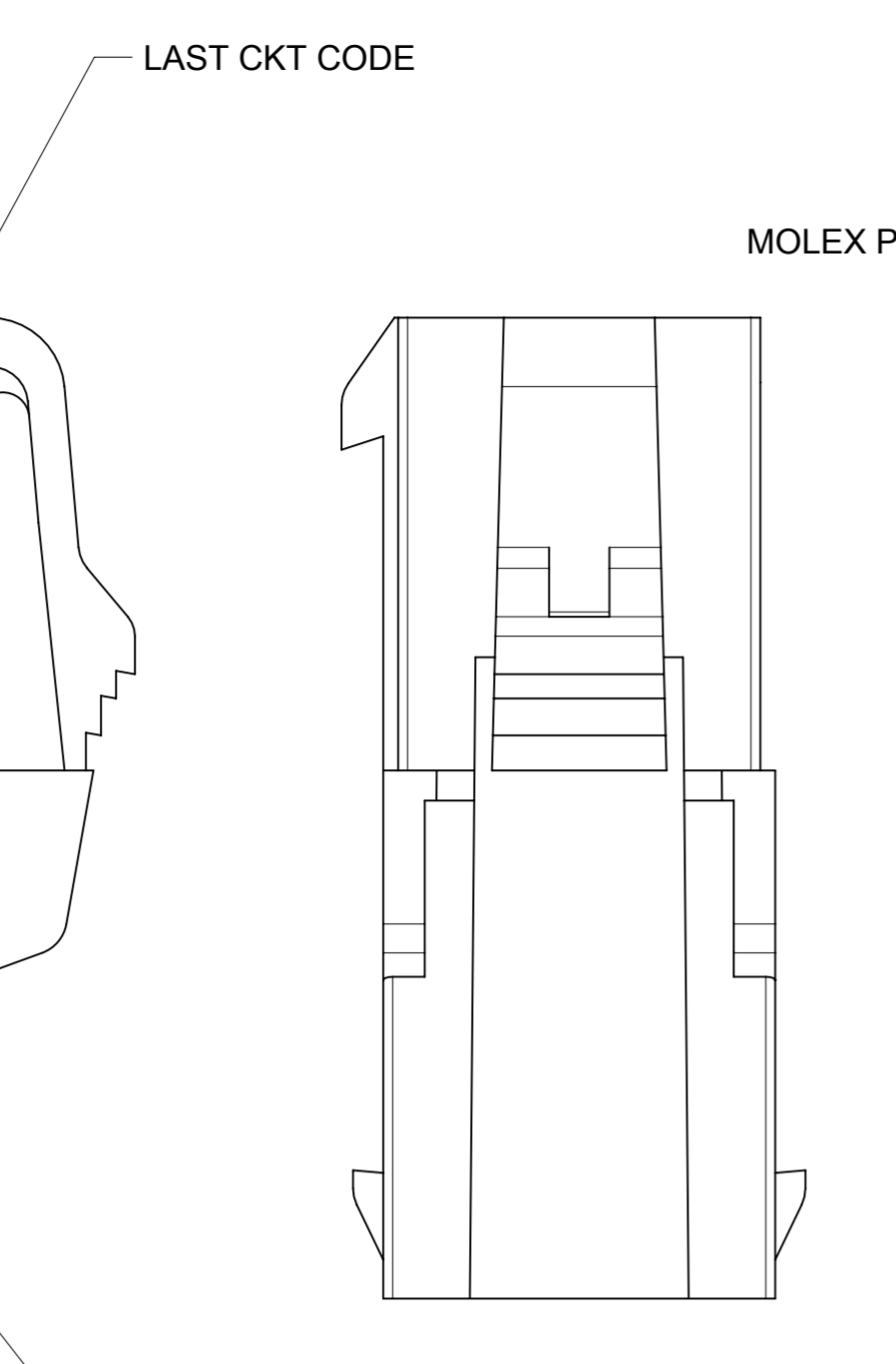
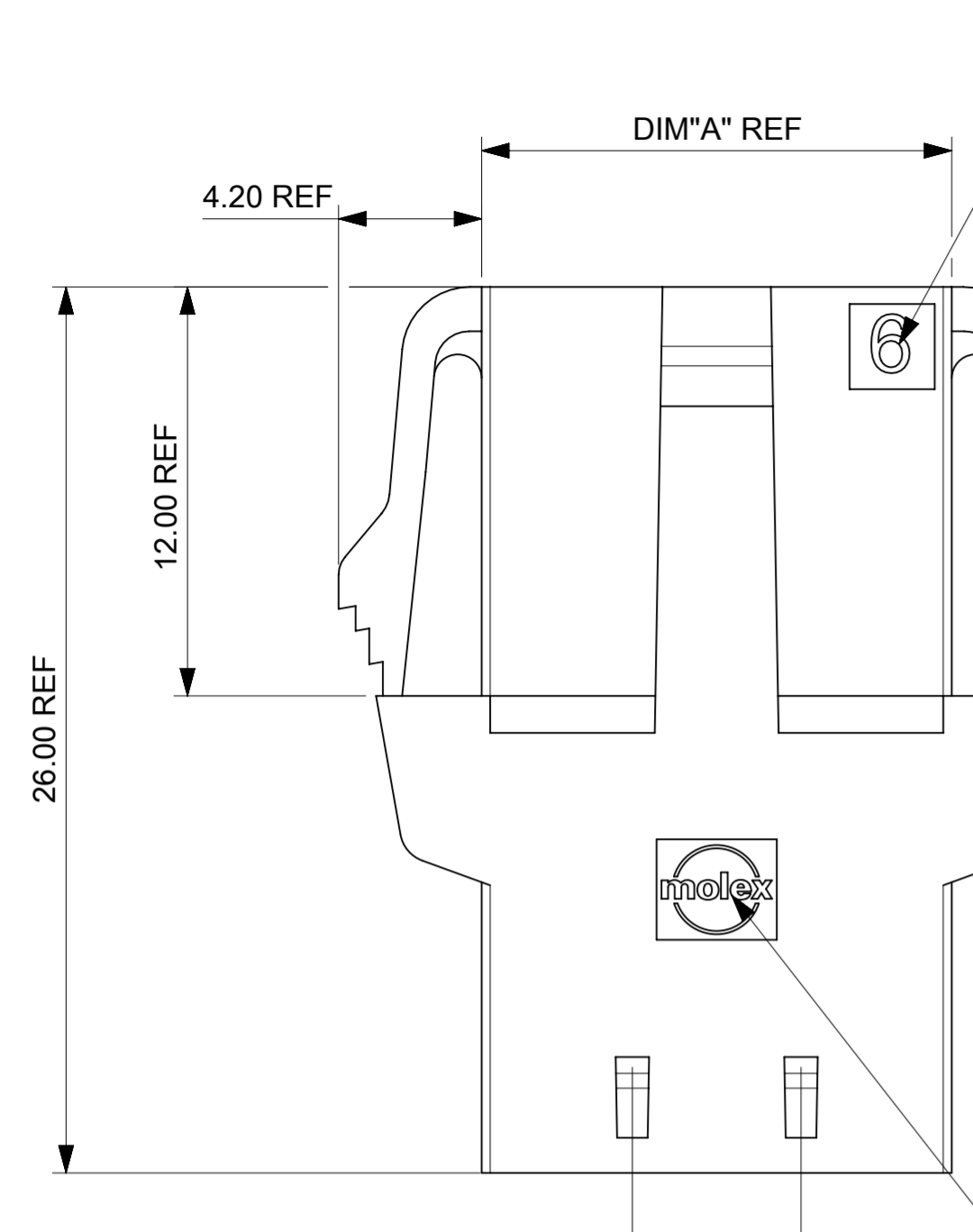
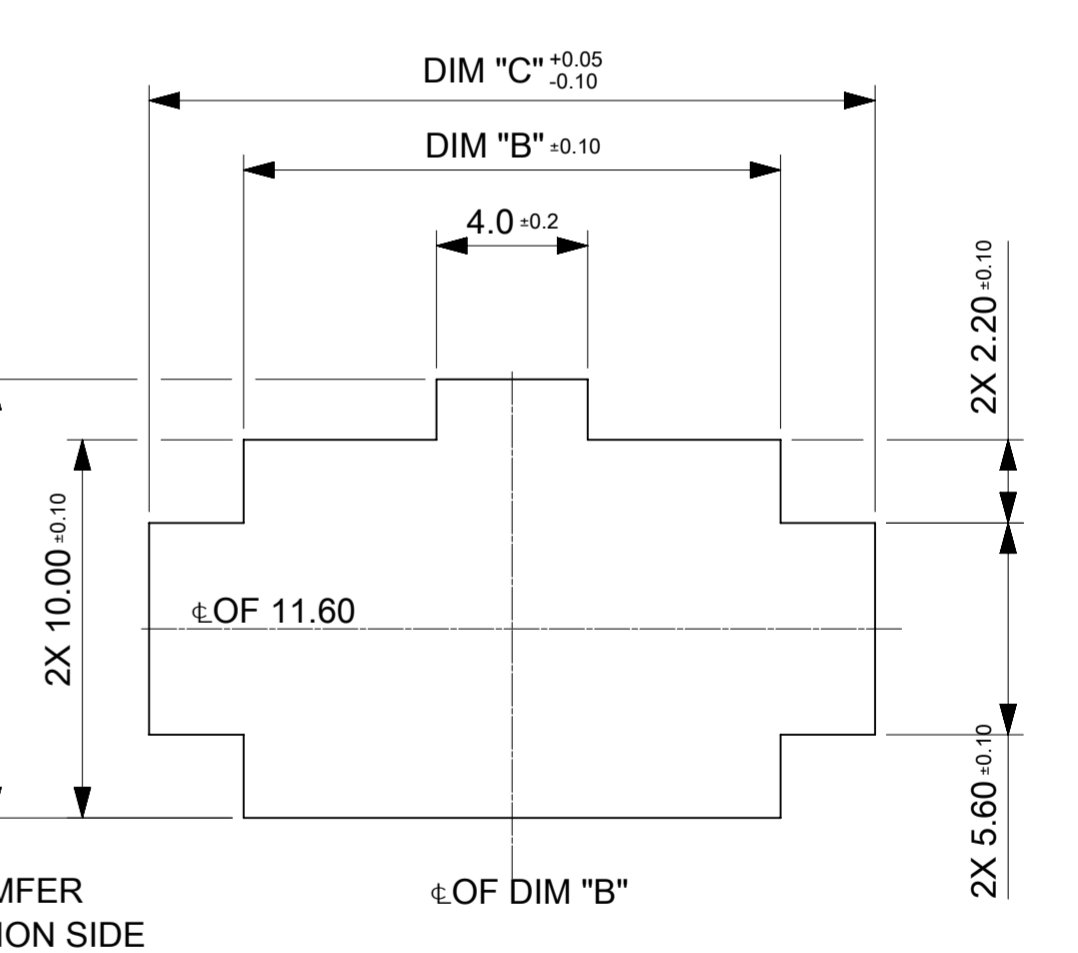
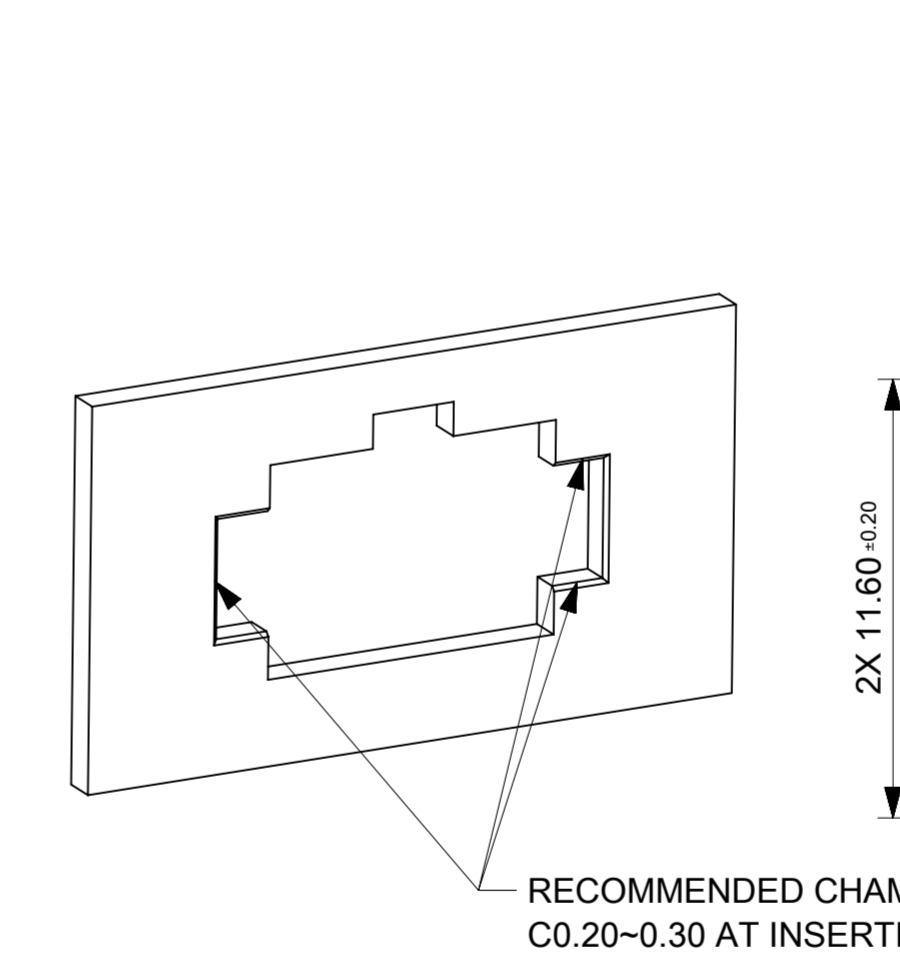
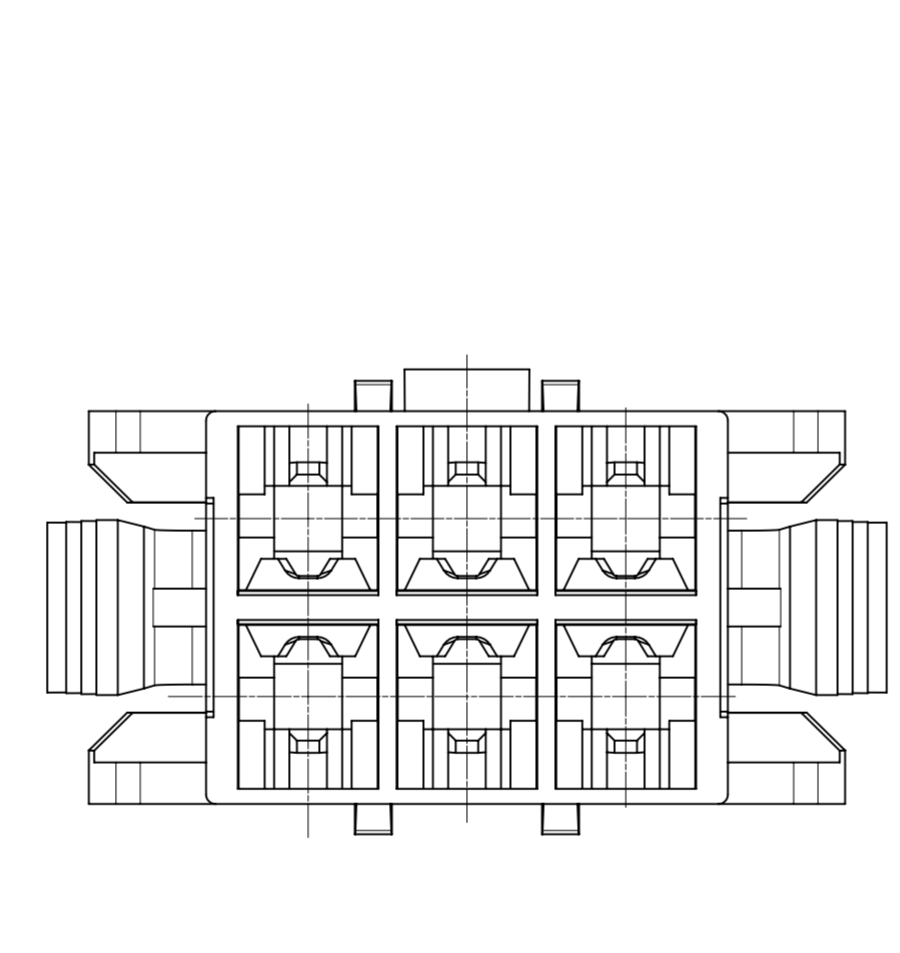
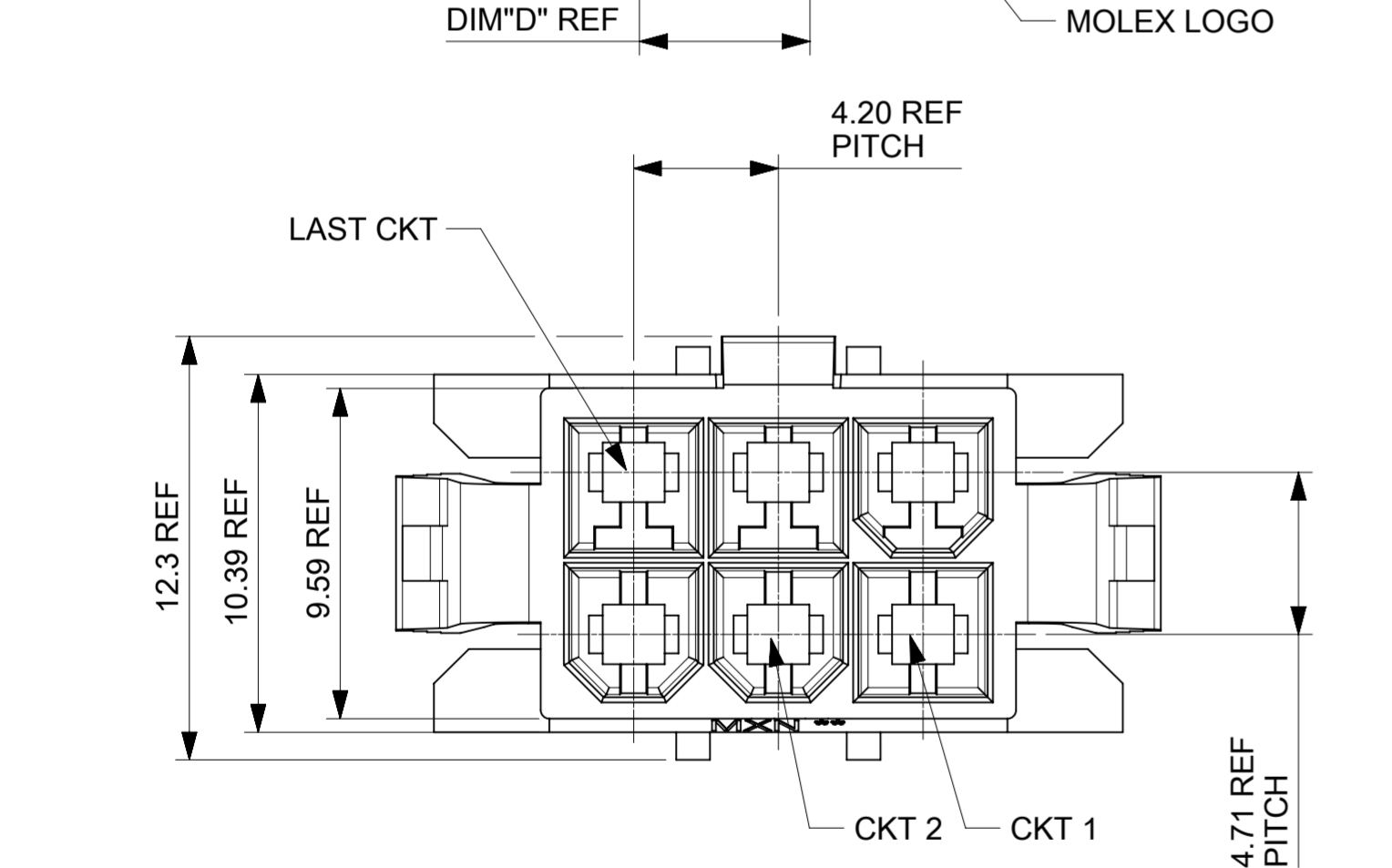
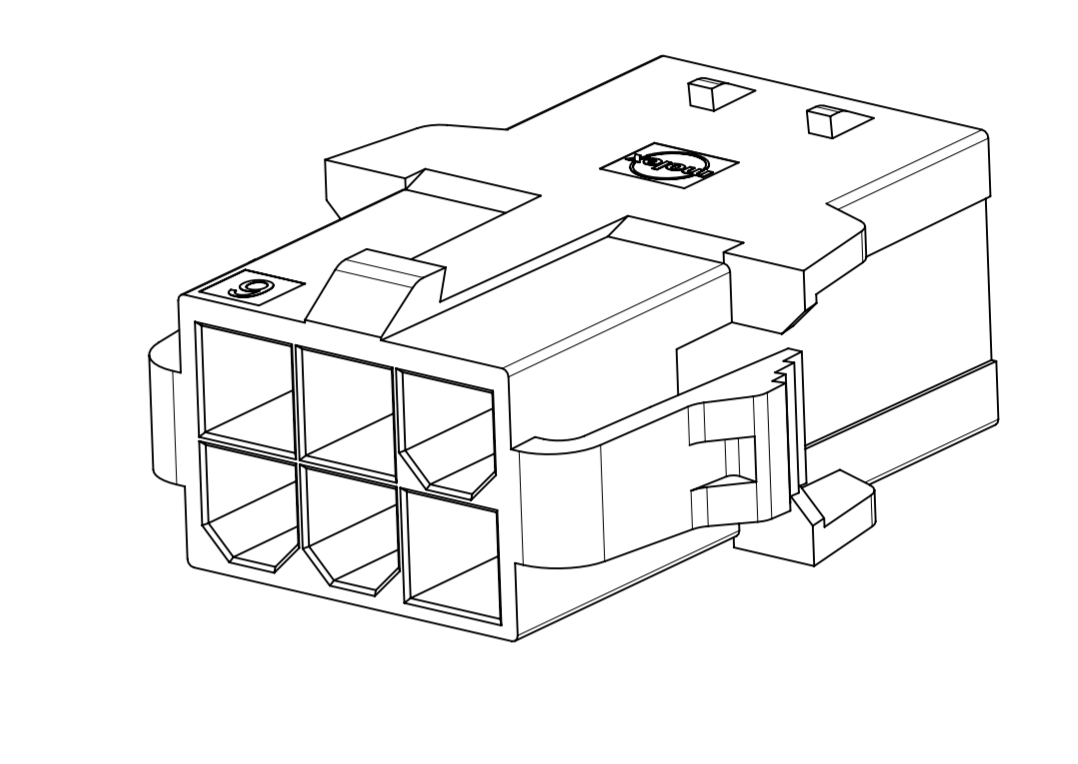


14 13 12 11 10 9 8 7 6 5 4 3 2 1



PLUG P/N	CKT	DIM "A"	DIM "B"	DIM "C"	DIM "D"
1727673002	2	5.40	5.80	10.80	4.95
1727673004	4	9.60	10.00	15.00	4.95
1727673006	6	13.80	14.20	19.20	4.95
1727673008	8	18.00	18.40	23.40	4.95
1727673010	10	22.20	22.60	27.60	12.95
1727673012	12	26.40	26.80	31.80	12.95
1727673014	14	30.60	31.00	36.00	12.95
1727673016	16	34.80	35.20	40.20	12.95
1727673018	18	39.00	39.40	44.40	20.95

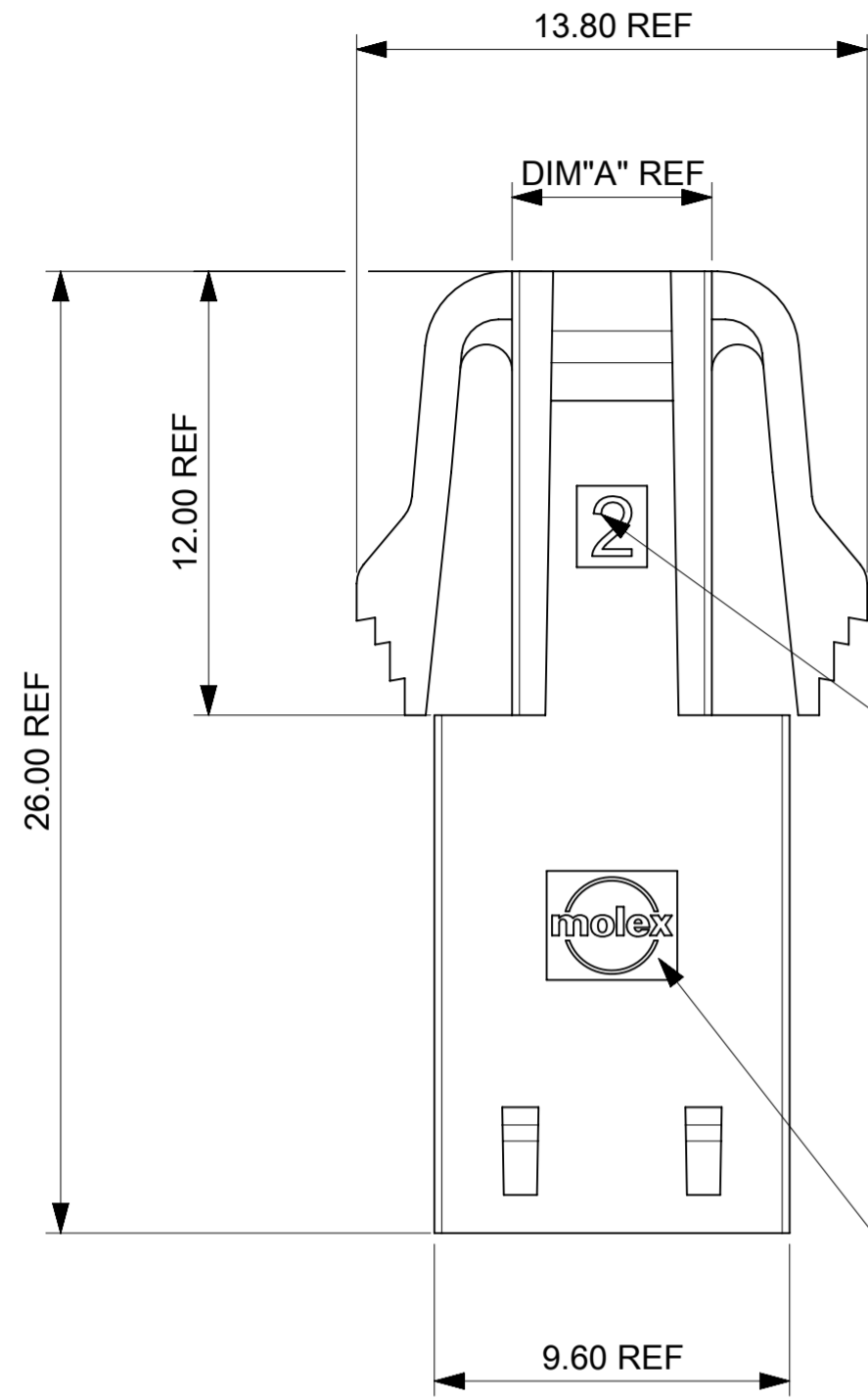


- NOTES:
- MATERIAL: NYLON, UL 94V-0 AND GLOW WIRE CAPABLE PER IEC60335-1; COLOR: BLACK
 - FINISH: NONE
 - PRODUCT SPECIFICATION: 2131370000-PS/2029880002-PS
APPLICATION SPECIFICATION: 2131370000-AS
 - PACKAGING SPECIFICATION: 172762-0001-PK
REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
 - THIS PART TO BE USED WITH FEMALE TERMINAL SERIES 172765, 203070 AND TPA SERIES 172709-2***.
 - THIS PART MATES WITH SERIES 172708-1***
 - THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - SEE DRAWING 1727090002-SD FOR OTHER TPA INFORMATION.
 - SEE DRAWING 1727080002-SD FOR OTHER RECEPTACLE INFORMATION.
 - SEE DRAWINGS SD-172718-0000 AND 2029880001-PSD FOR OTHER CRIMP TERMINAL INFORMATION.

RECOMMENDED PANEL CUT-OUT DIMENSIONS
PANEL THICKNESS 0.80-2.00MM

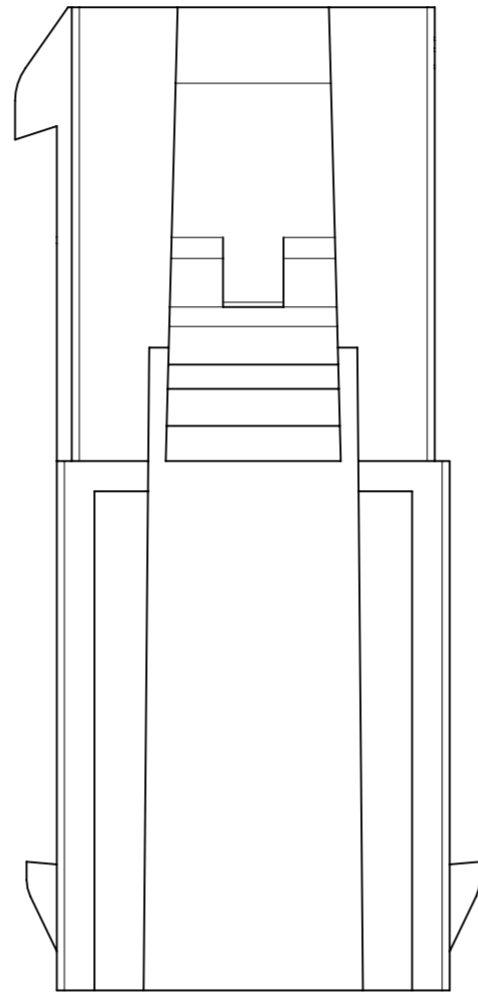
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex									
mm	NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)				SD-DRAWING OF MINI-FIT SIGMA DR PLUG									
ANGULAR TOL	±	°		PRODUCT CUSTOMER DRAWING									
4 PLACES	±	EC NO: 735375		DOCUMENT NUMBER									
3 PLACES	±	DRWN: JERRYW8		2023/01/06									
2 PLACES	±	CHK'D: XQZHANG		2023/02/01									
1 PLACE	±	APPR: XQZHANG		2023/02/01									
0 PLACES	±	INITIAL REVISION:		DOC TYPE DOC PART REVISION									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		A2-SIZE		172767		SEE TABLE		GENERAL MARKET		1 OF 4			



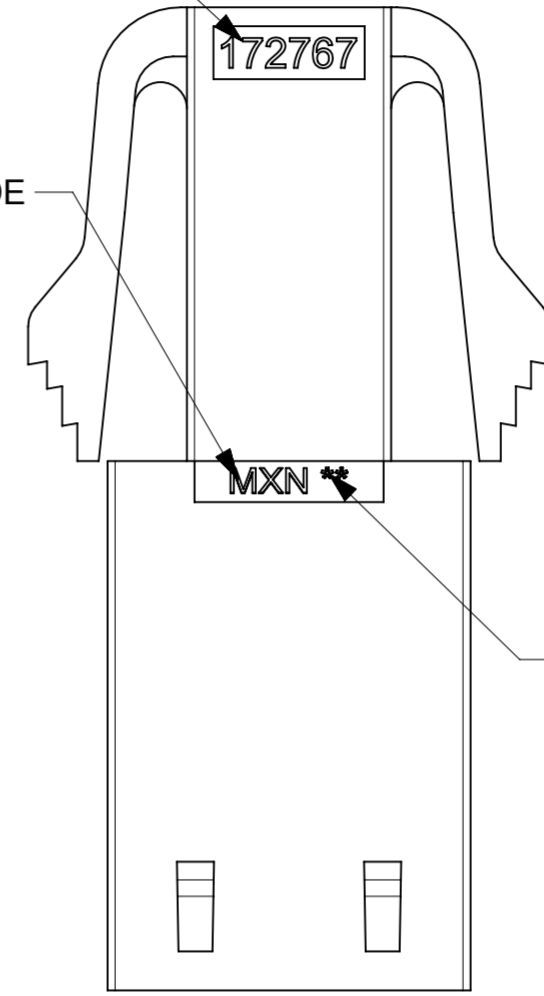
LAST CKT CODE

MOLEX LOGO

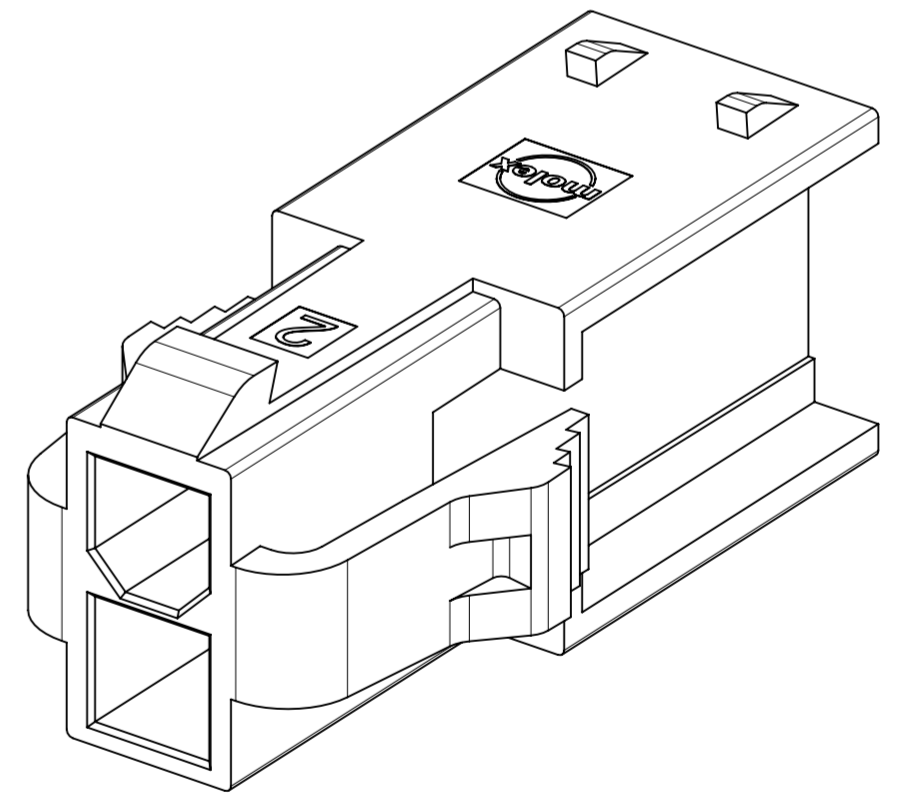
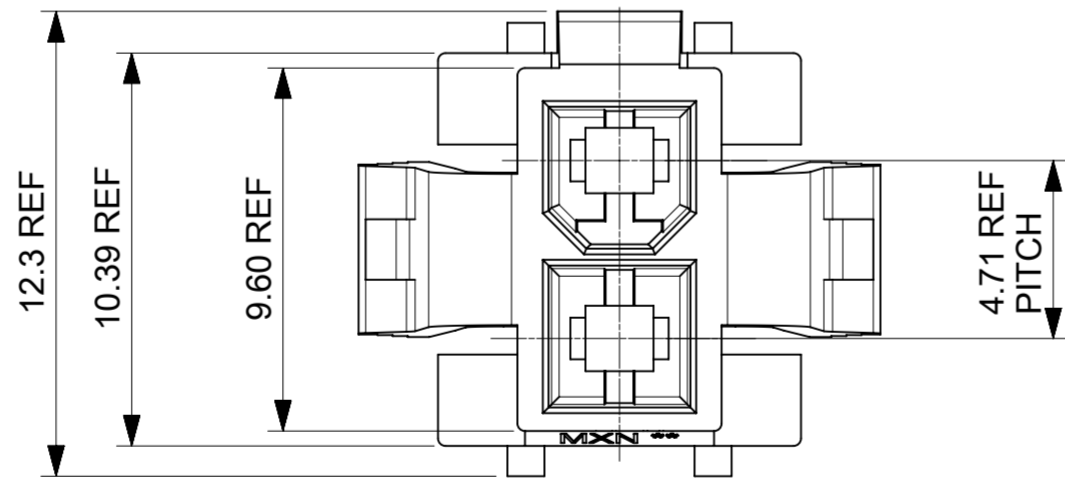
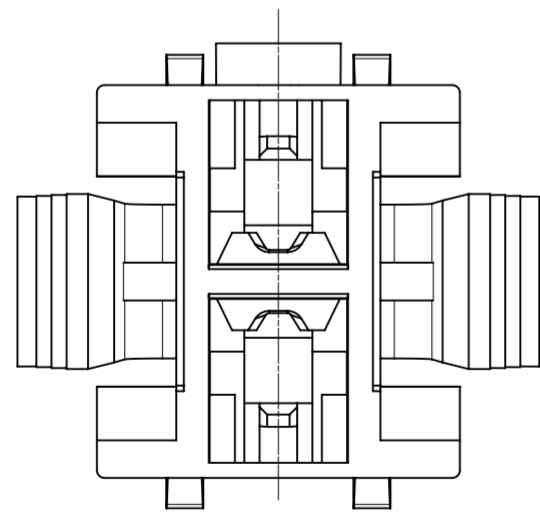


PLUG SERIES

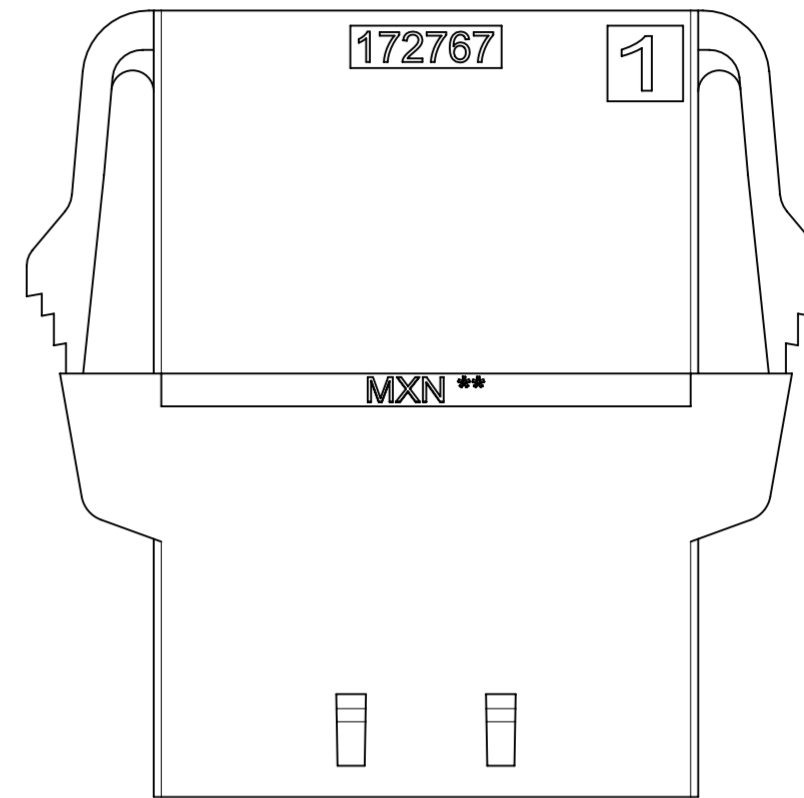
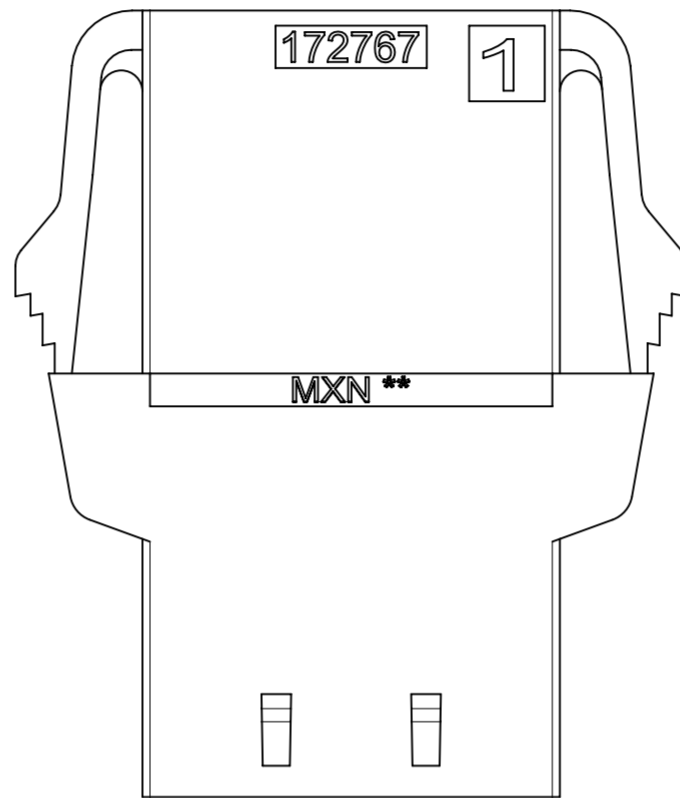
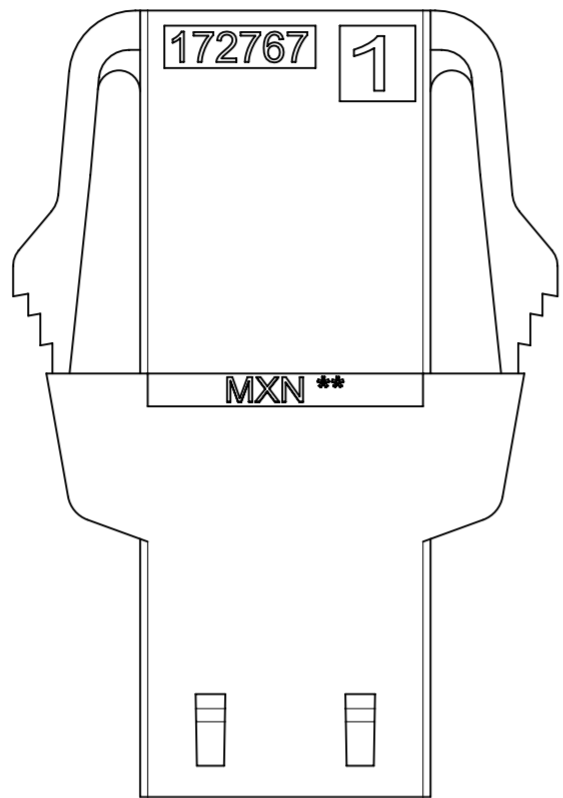
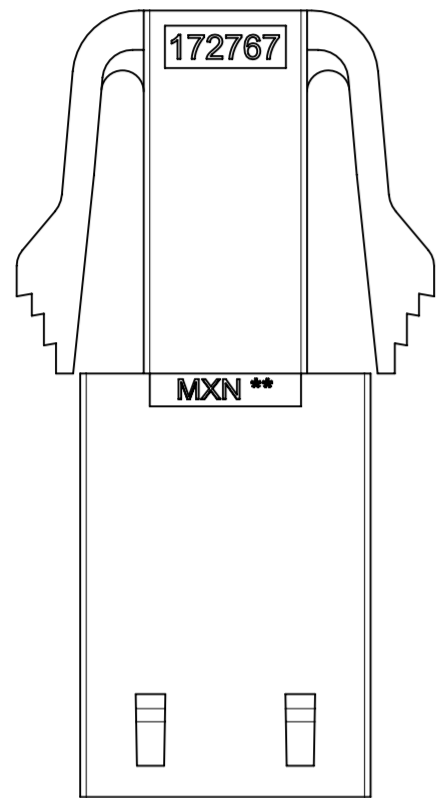
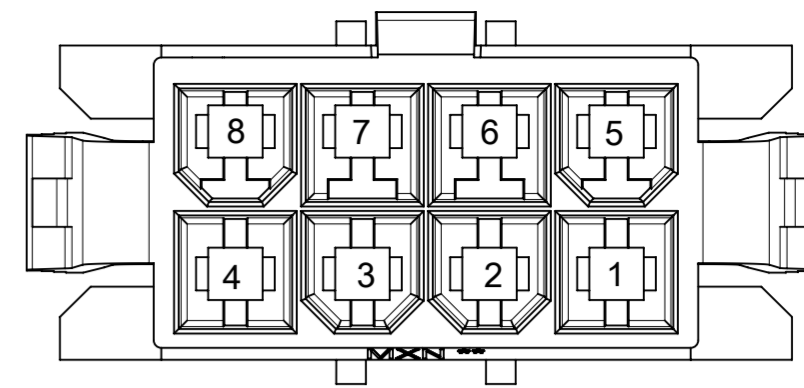
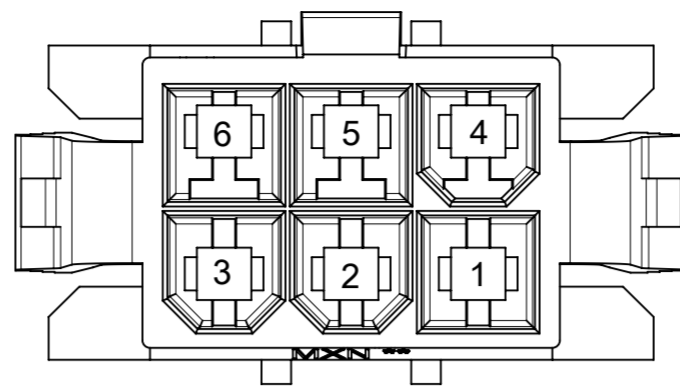
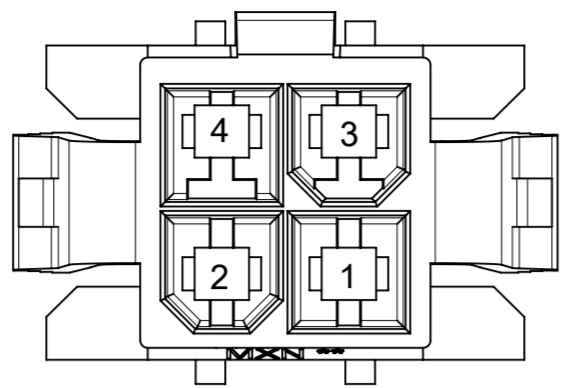
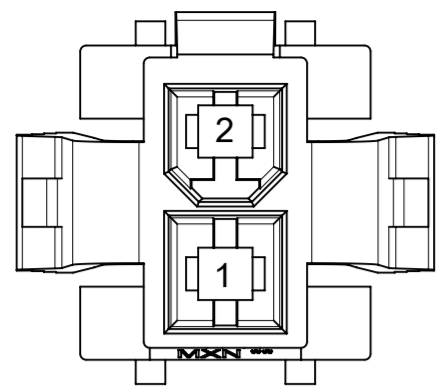
MOLEX PLANT CODE



CAVITY CODE



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DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)								SD-DRAWING OF MINI-FIT SIGMA DR PLUG	
ANGULAR TOL		± °		EC NO: 735375				PRODUCT CUSTOMER DRAWING	
4 PLACES		±		DRWN: JERRYW8		2023/01/06			
3 PLACES		±		CHK'D: XQZHANG		2023/02/01			
2 PLACES		± 0.25		APPR: XQZHANG		2023/02/01			
1 PLACE		± 0.36		INITIAL REVISION:				DOCUMENT NUMBER	
0 PLACES		±		DRWN: ALU002		2019/09/24		1727670002-SD	
				APPR: YXZHENG		2019/10/11		PSD 000 A6	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A2-SIZE		172767		SEE TABLE	
				GENERAL MARKET				SHEET NUMBER	
								2 OF 4	

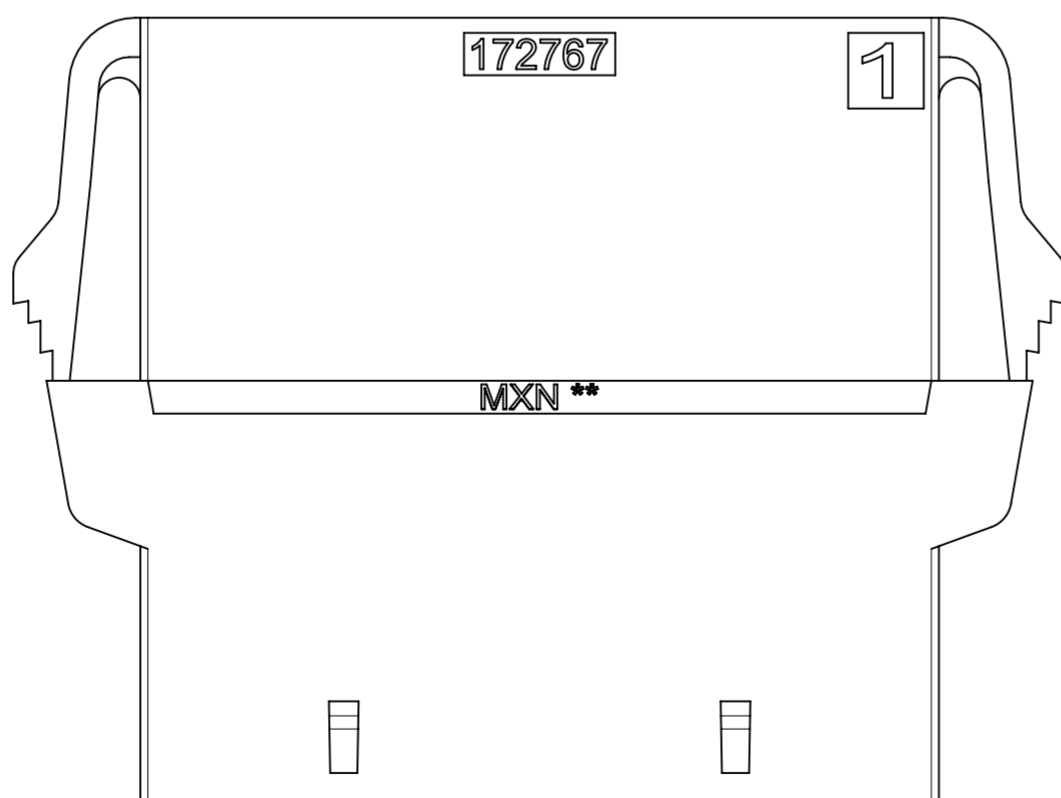
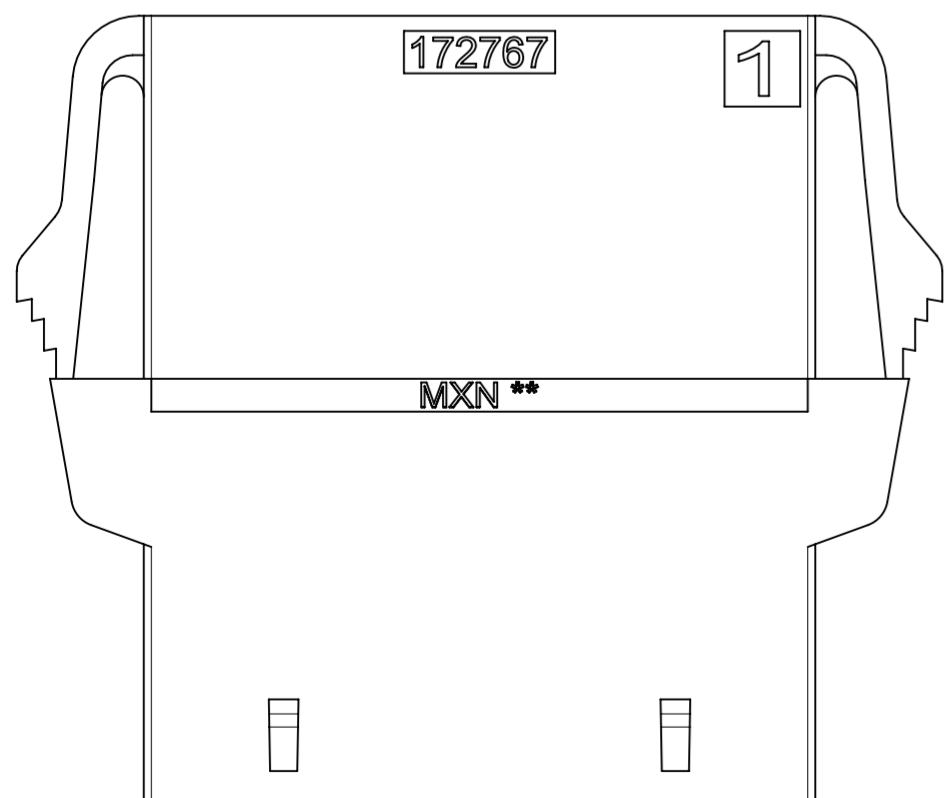
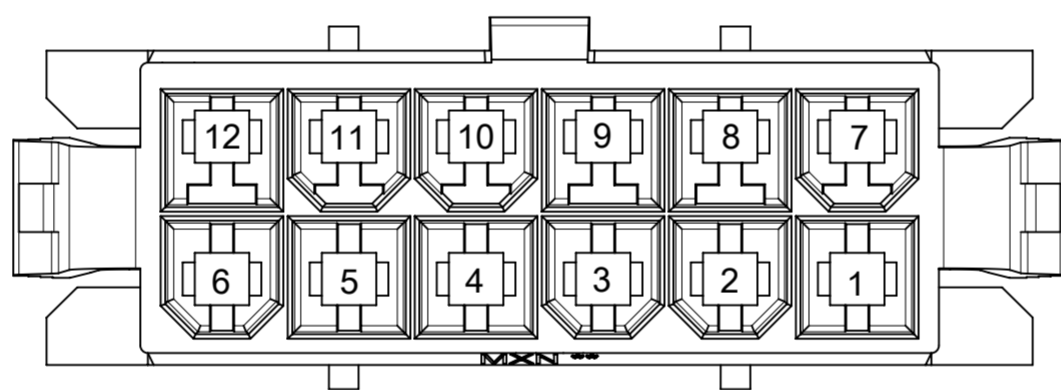
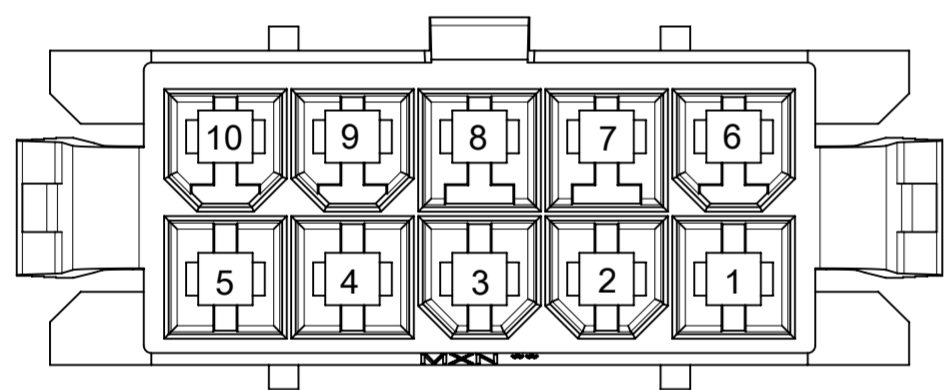


2-CKT

4-CKT

6-CKT

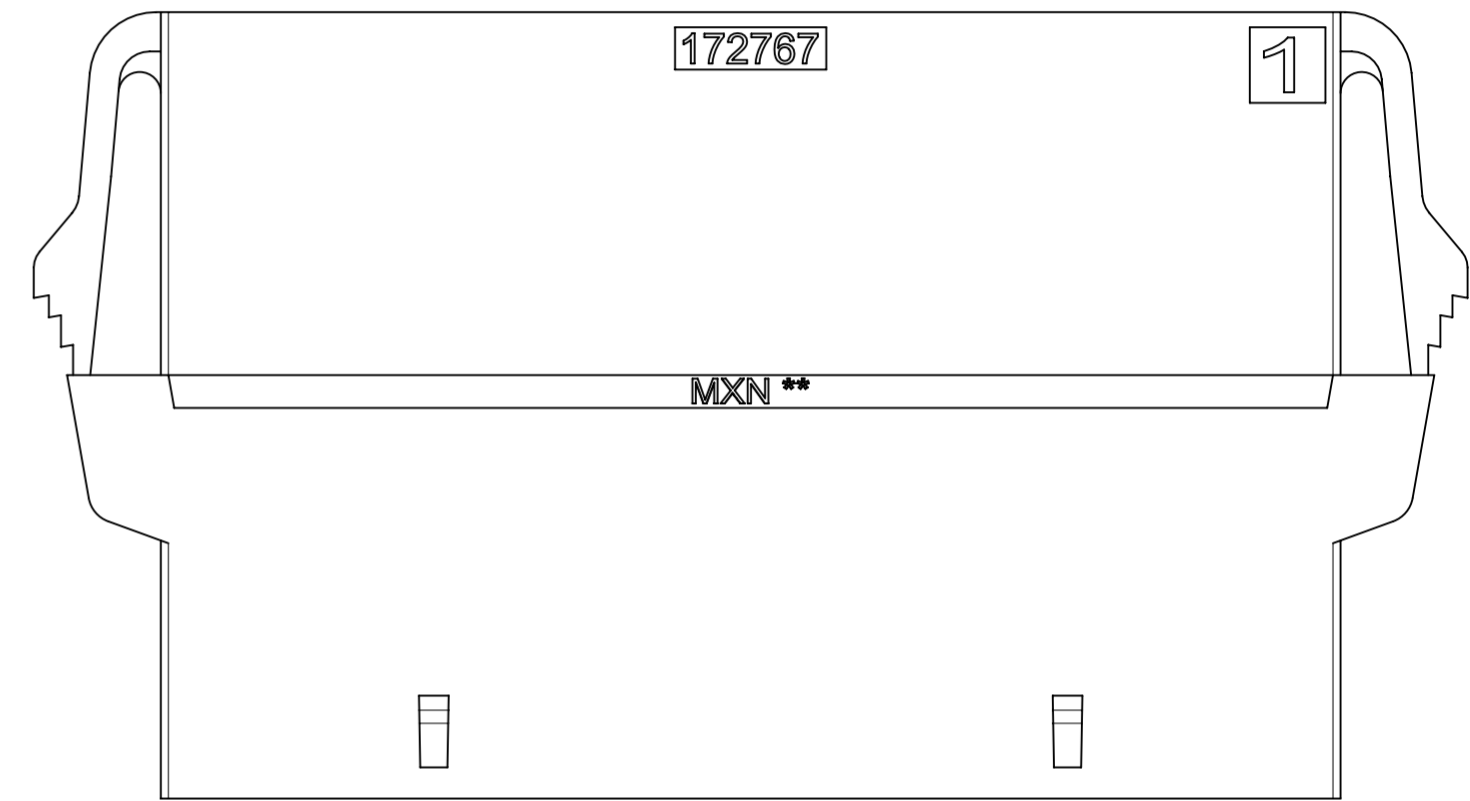
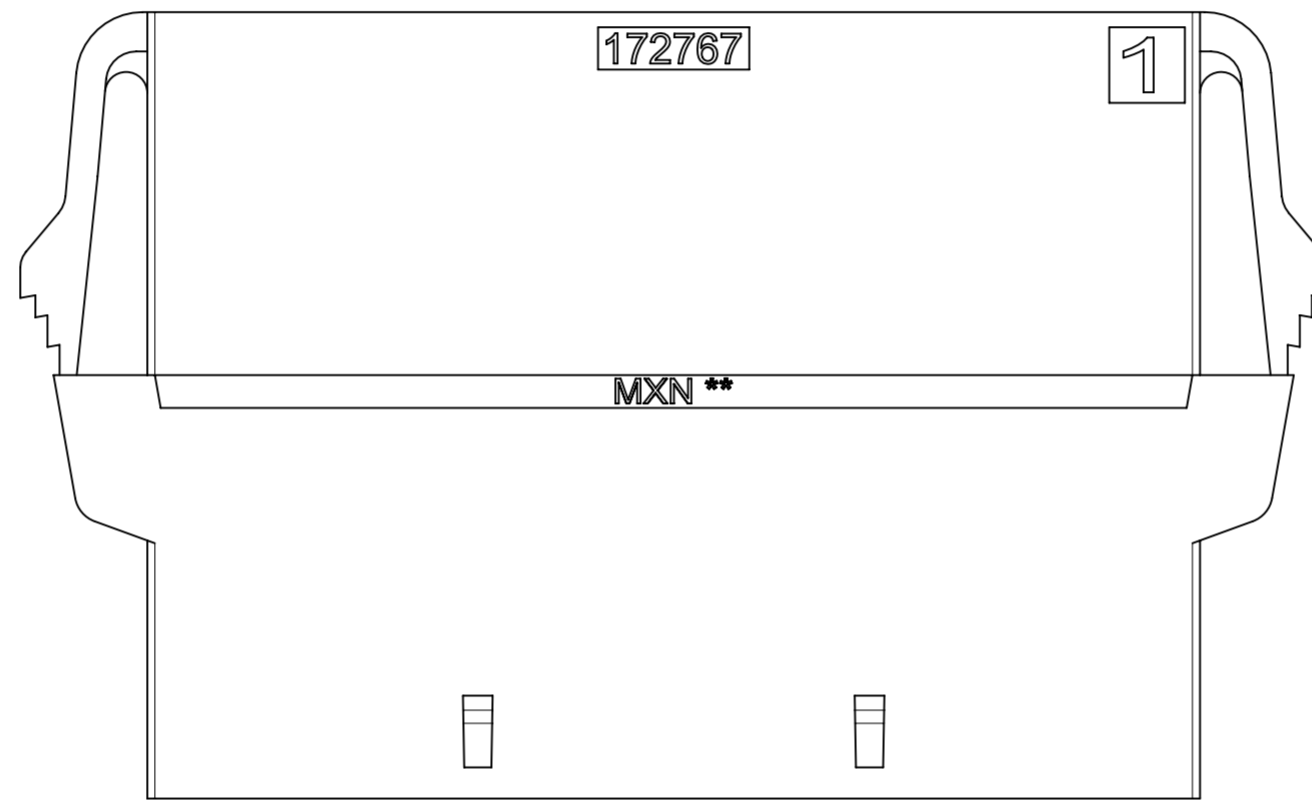
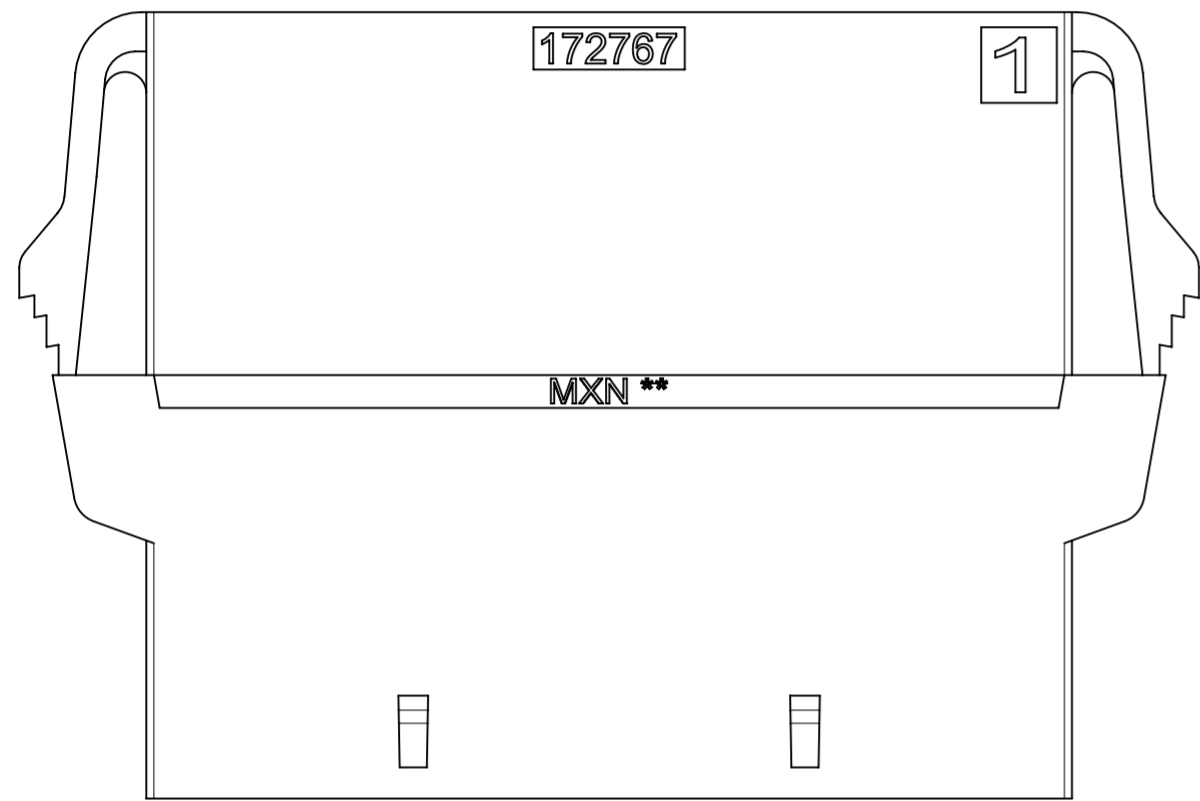
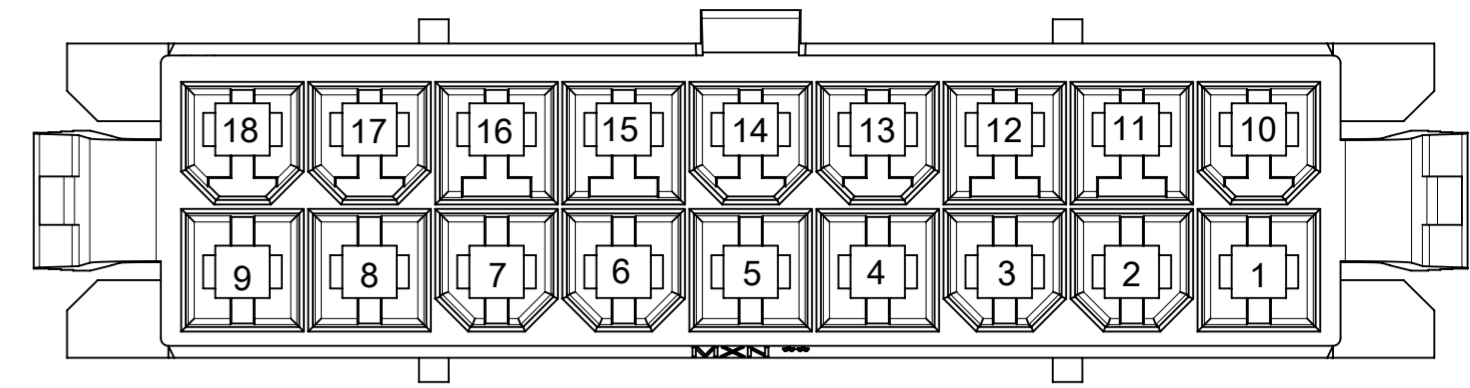
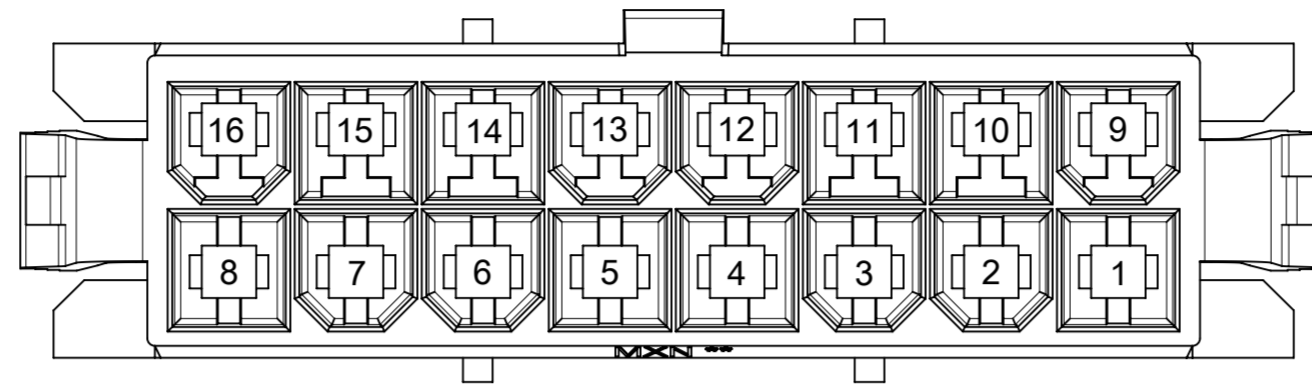
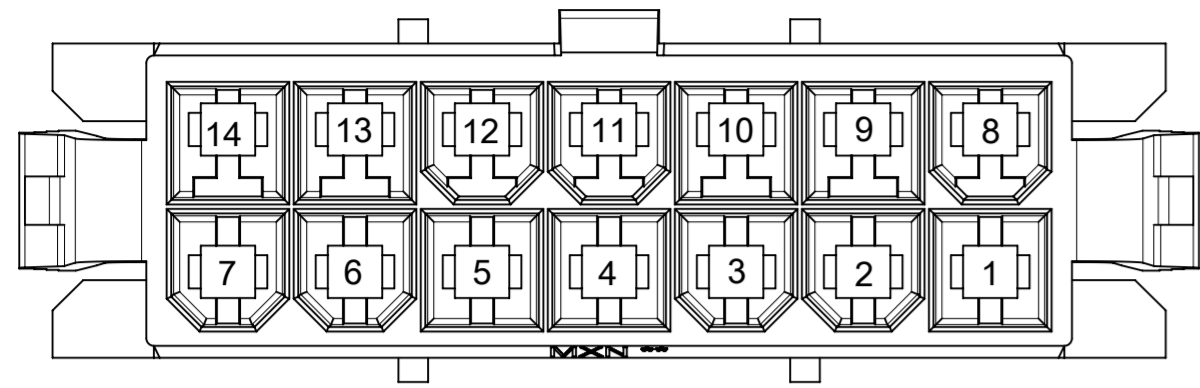
8-CKT



10-CKT

12-CKT

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DIMENSION UNITS		SCALE		CURRENT REV DESC:												
mm		NTS		<p>molex</p> <p>SD-DRAWING OF MINI-FIT SIGMA DR PLUG</p> <p>PRODUCT CUSTOMER DRAWING</p>												
GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL ± °																
4 PLACES ±		EC NO: 735375								2023/01/06		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
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2 PLACES ± 0.25		CHK'D: XQZHANG		2023/02/01		INITIAL REVISION:		MATERIAL NUMBER								
1 PLACE ± 0.36		APPR: XQZHANG		2023/02/01		DRWN: ALUO02		CUSTOMER		SHEET NUMBER						
0 PLACES ±		APPR: YXZHENG		2019/10/11		2019/09/24		GENERAL MARKET		3 OF 4						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES								
						A2-SIZE		172767								



14-CKT

16-CKT

18-CKT

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		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 735375 DRWN: JERRYW8 2023/01/06 CHK'D: XQZHANG 2023/02/01 APPR: XQZHANG 2023/02/01 INITIAL REVISION: DRWN: ALUO02 2019/09/24 APPR: YXZHENG 2019/10/11				SD-DRAWING OF MINI-FIT SIGMA DR PLUG					
ANGULAR TOL		± °						PRODUCT CUSTOMER DRAWING					
4 PLACES		±						DOCUMENT NUMBER		DOC TYPE		DOC PART	
3 PLACES		±						1727670002-SD		PSD		000	
2 PLACES		± 0.25						SHEET NUMBER		GENERAL MARKET		4 OF 4	
1 PLACE		± 0.36		DRAWING		SERIES		MATERIAL NUMBER					
0 PLACES		±		THIRD ANGLE PROJECTION		DRAWING		SERIES					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING		SERIES		MATERIAL NUMBER					
				A2-SIZE		172767		SEE TABLE					
								CUSTOMER					
								GENERAL MARKET					

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/01	07:45:19
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