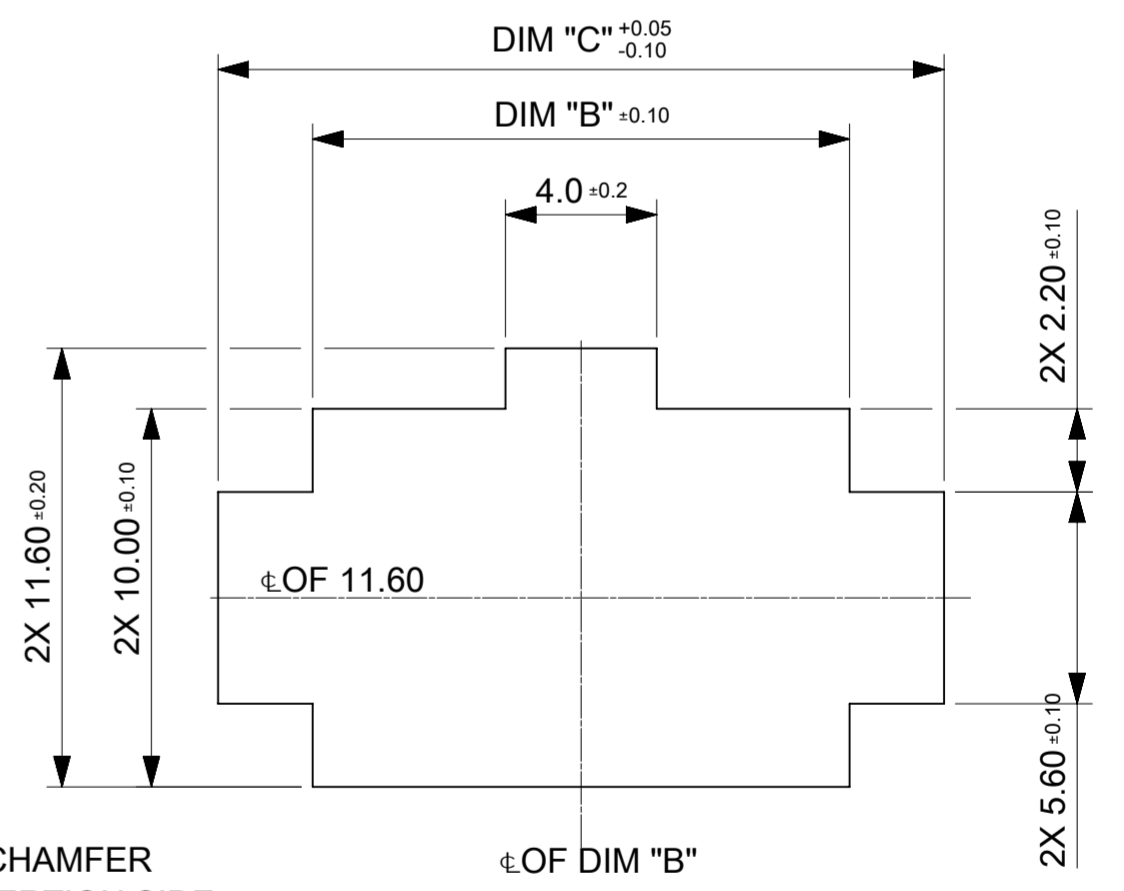
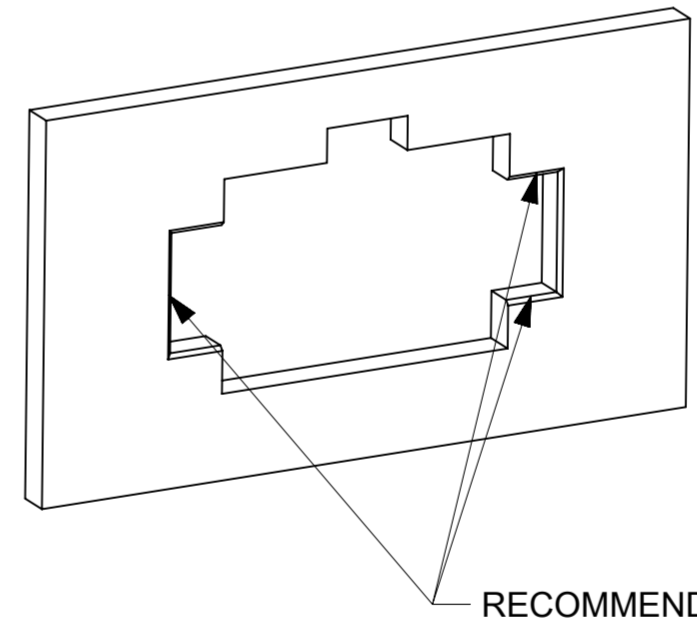
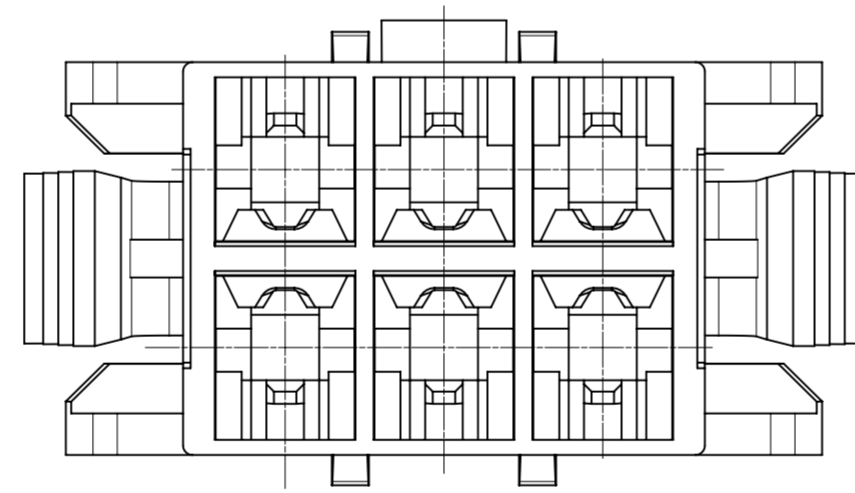
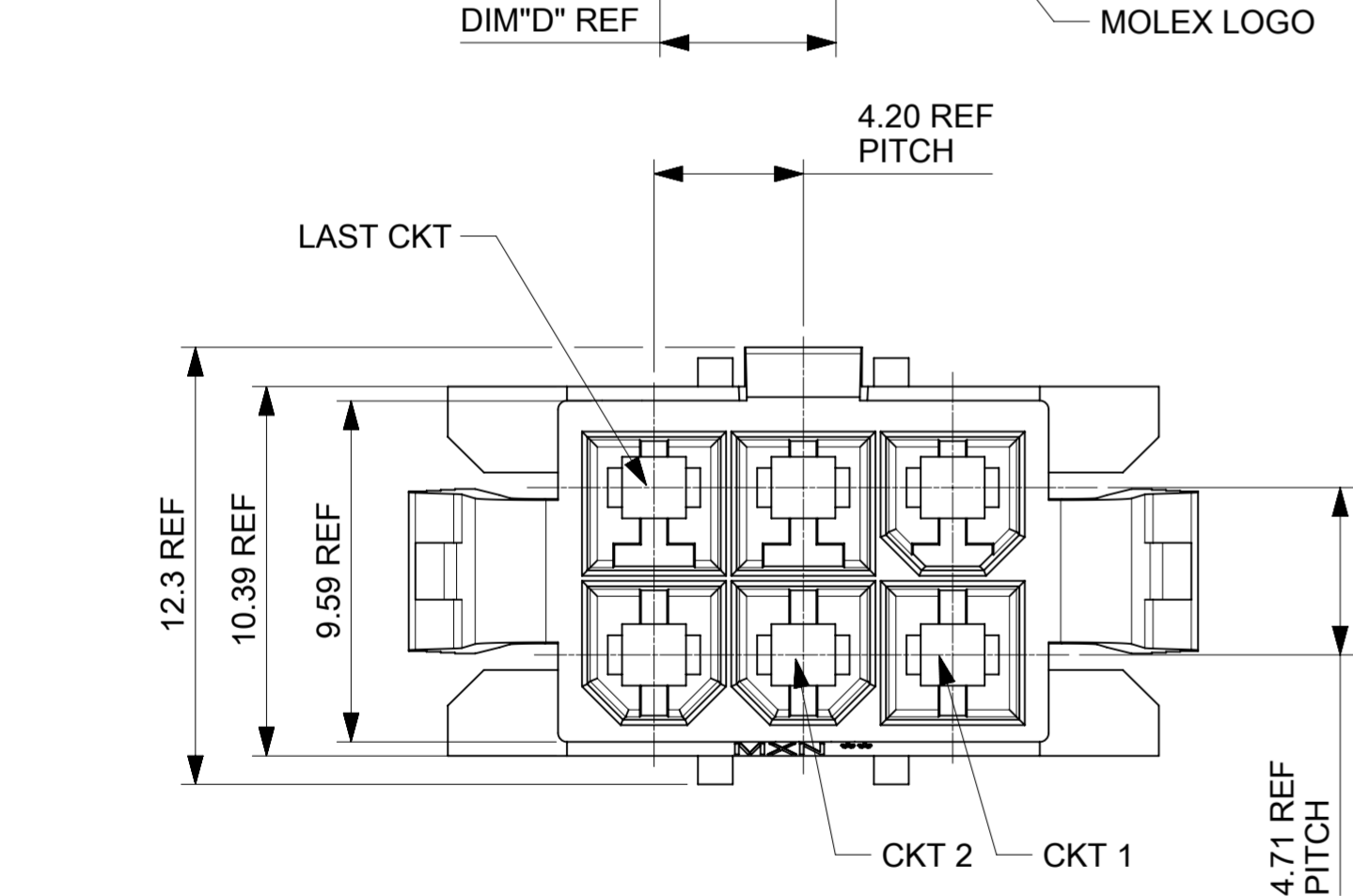
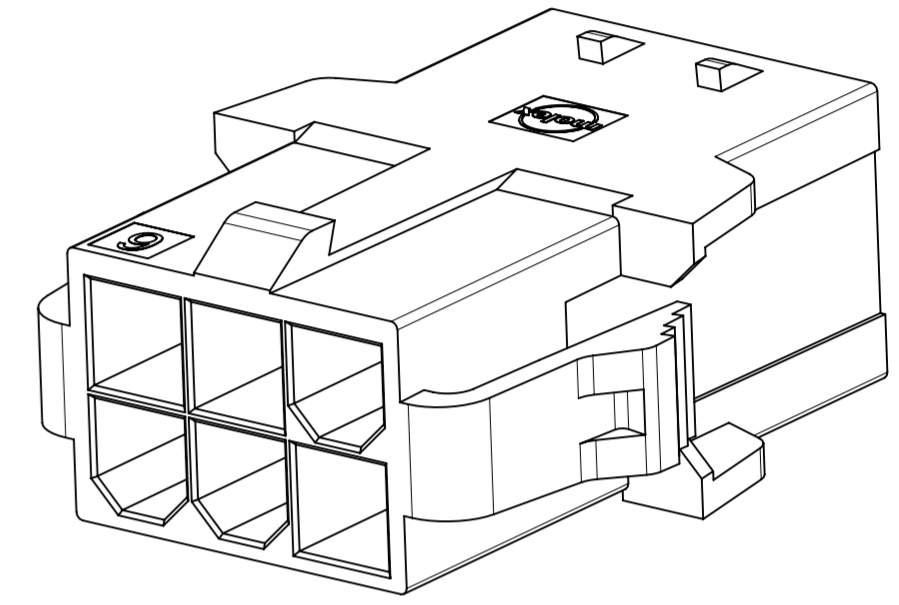


PLUG P/N	CKT	DIM "A"	DIM "B"	DIM "C"	DIM "D"
1727673002	2	5.40	5.80	10.80	4.95
1727673004	4	9.60	10.00	15.00	4.95
1727673006	6	13.80	14.20	19.20	4.95
1727673008	8	18.00	18.40	23.40	4.95
1727673010	10	22.20	22.60	27.60	12.95
1727673012	12	26.40	26.80	31.80	12.95
1727673014	14	30.60	31.00	36.00	12.95
1727673016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

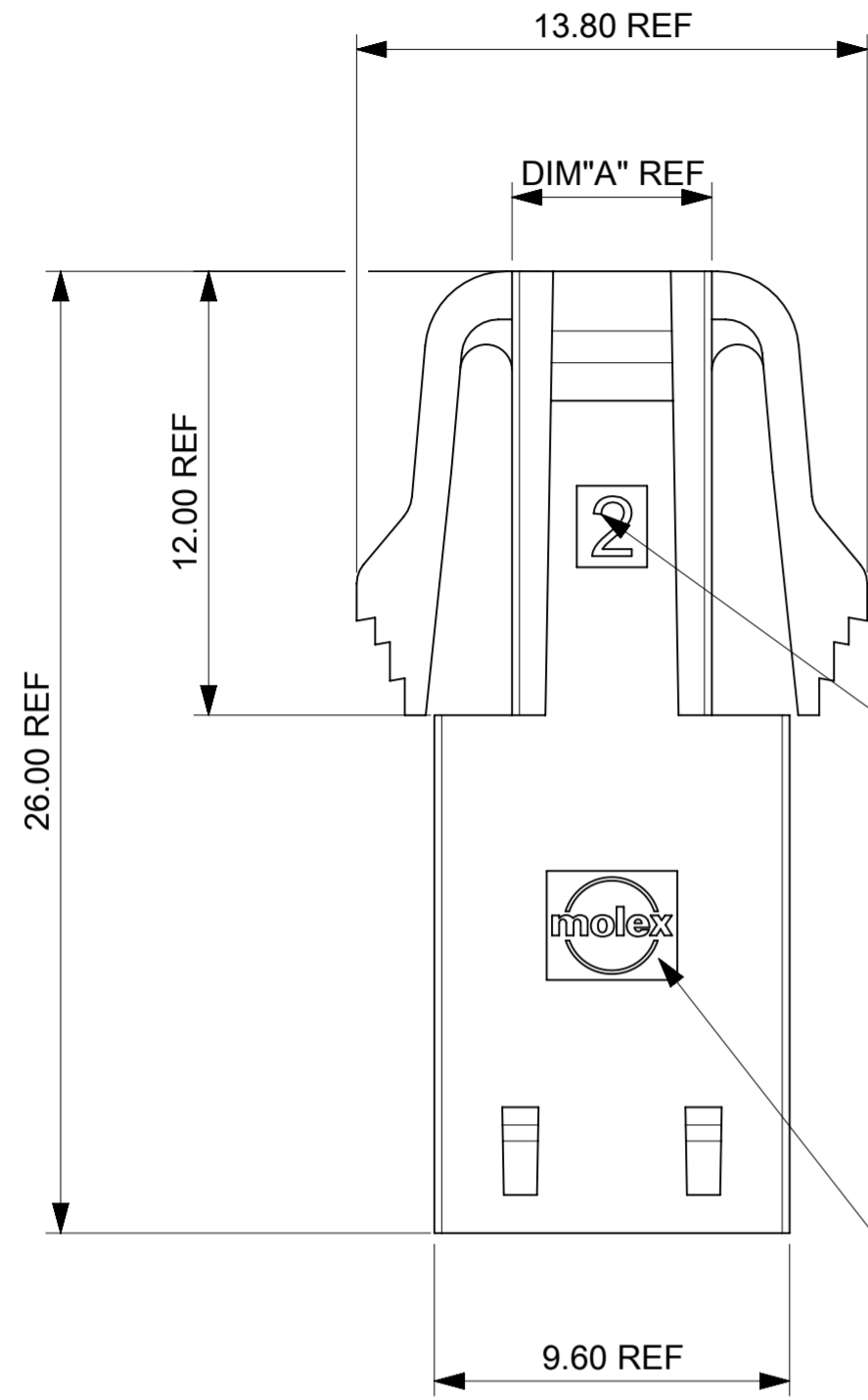


- NOTES:
- MATERIAL: NYLON, UL 94V-0 AND GLOW WIRE CAPABLE PER IEC60335-1; COLOR: BLACK
 - FINISH: NONE
 - PRODUCT SPECIFICATION: 2131370000-PS/2029880002-PS
APPLICATION SPECIFICATION: 2131370000-AS
 - PACKAGING SPECIFICATION: 172762-0001-PK
REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR PARTS.
 - 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

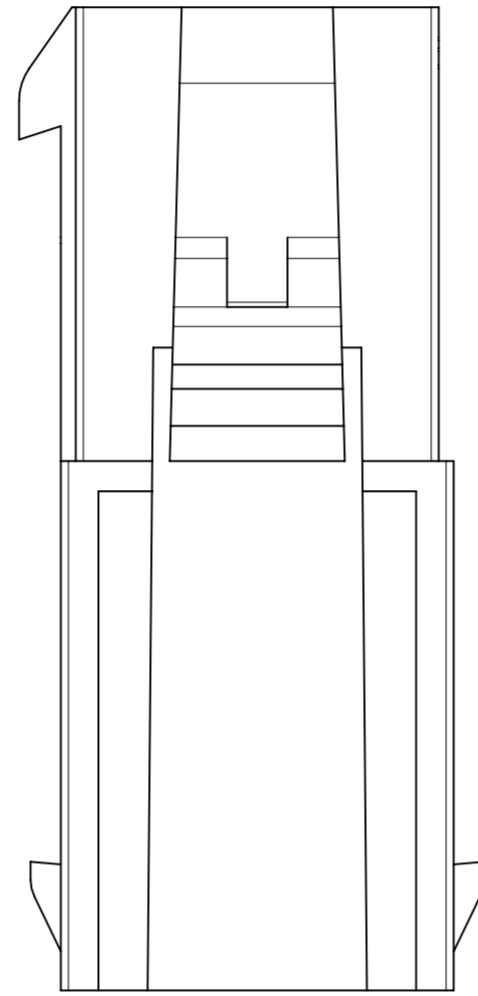
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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	DOC TYPE DOC PART REVISION	
2 PLACES	±	0.25	CHK'D: XQZHANG	2023/02/01	1727670002-SD PSD 000 A6	
1 PLACE	±	0.36	APPR: XQZHANG	2023/02/01		
0 PLACES	±		INITIAL REVISION:	MATERIAL NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRWN: ALUO02	2019/09/24	CUSTOMER	
THIRD ANGLE PROJECTION			APPR: YXZHENG	2019/10/11	SHEET NUMBER	
DRAWING			SERIES	SEE TABLE	GENERAL MARKET	
A2-SIZE			172767	1 OF 4		



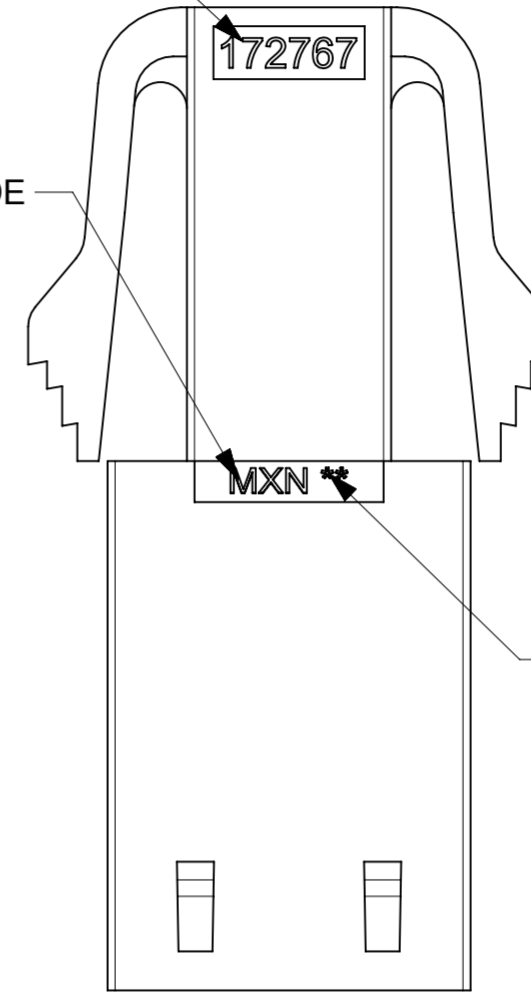
LAST CKT CODE

MOLEX LOGO

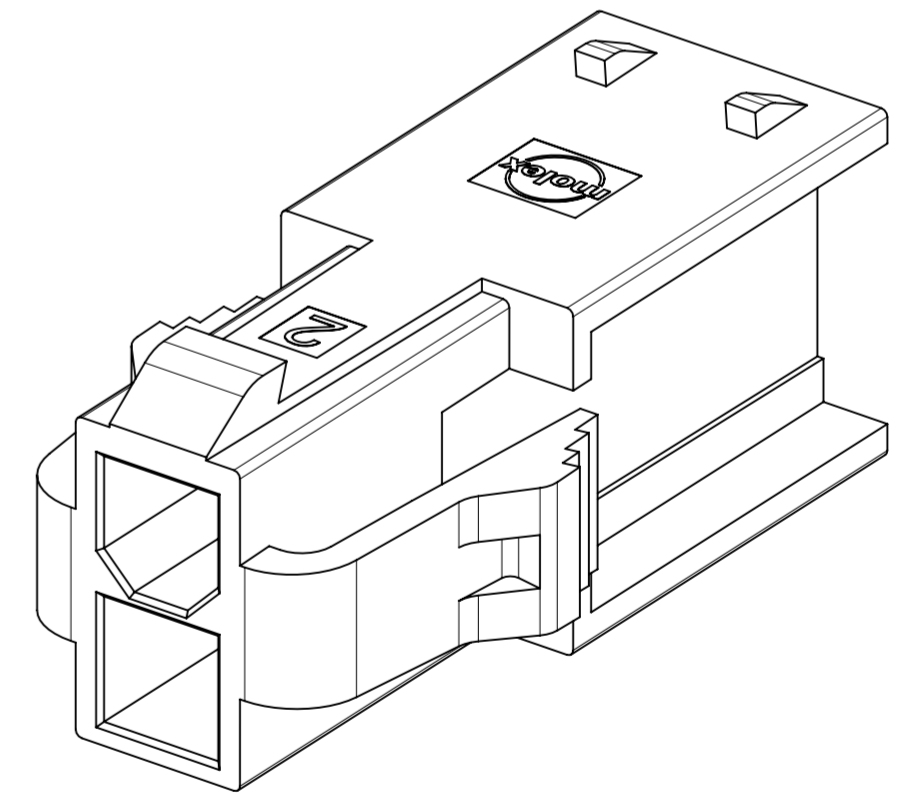
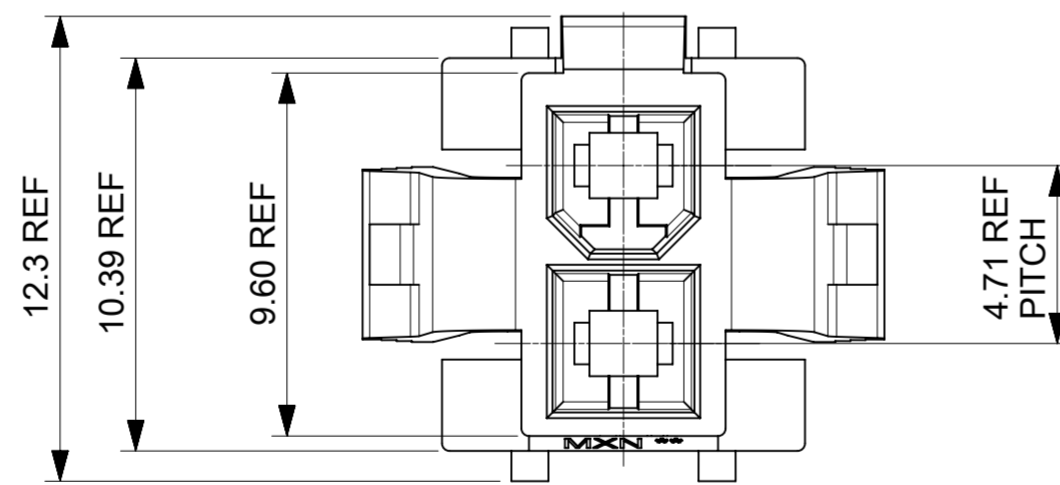
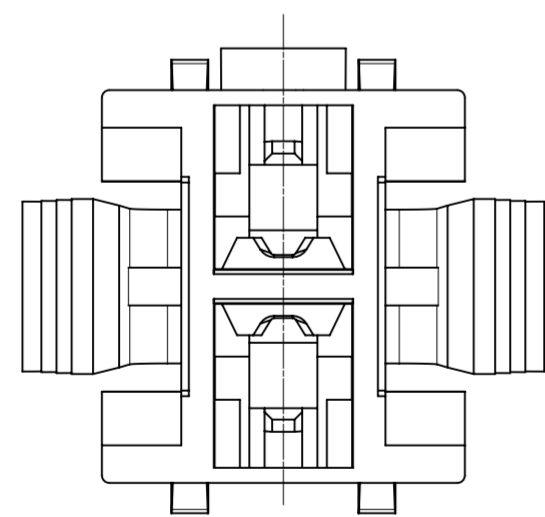


PLUG SERIES

MOLEX PLANT CODE

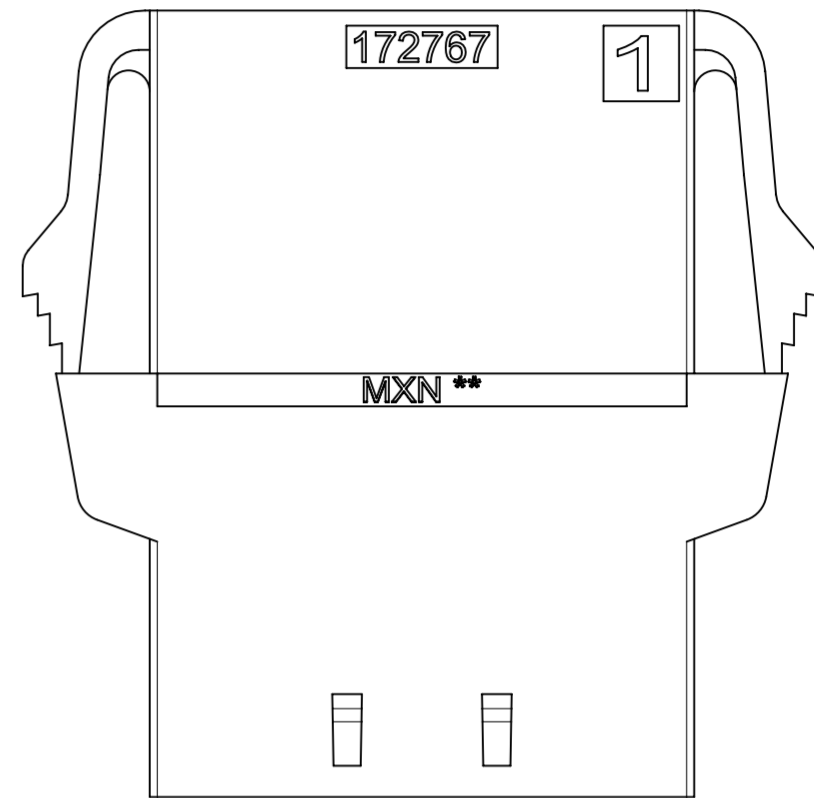
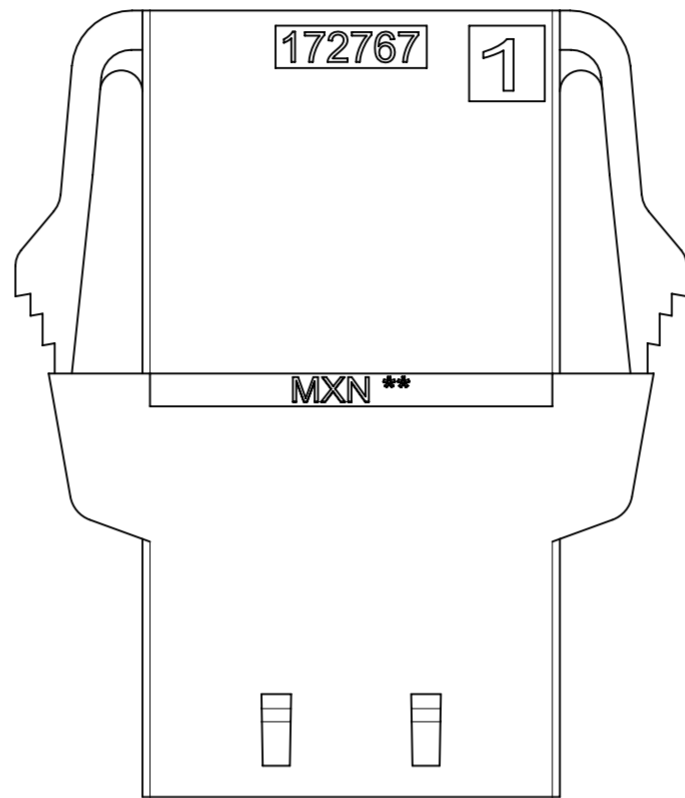
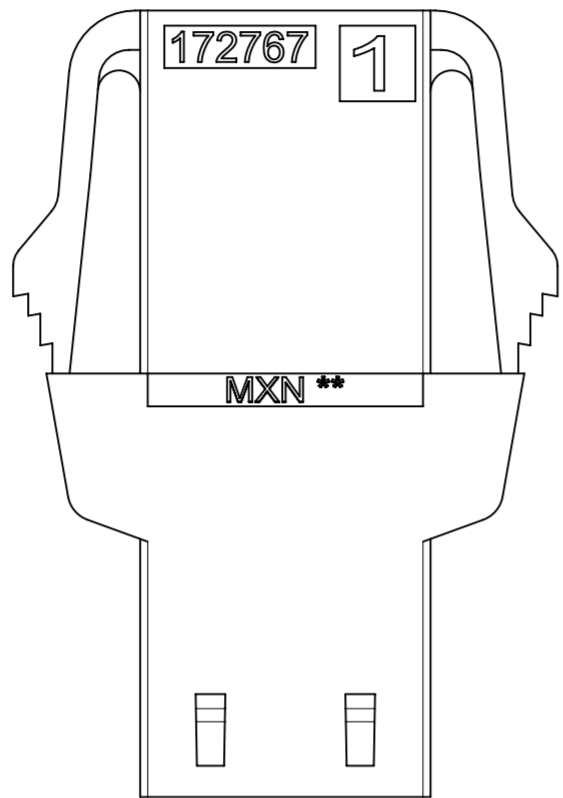
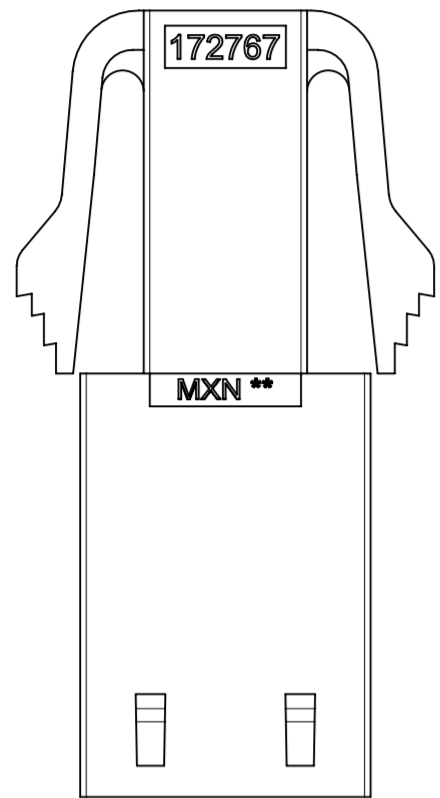
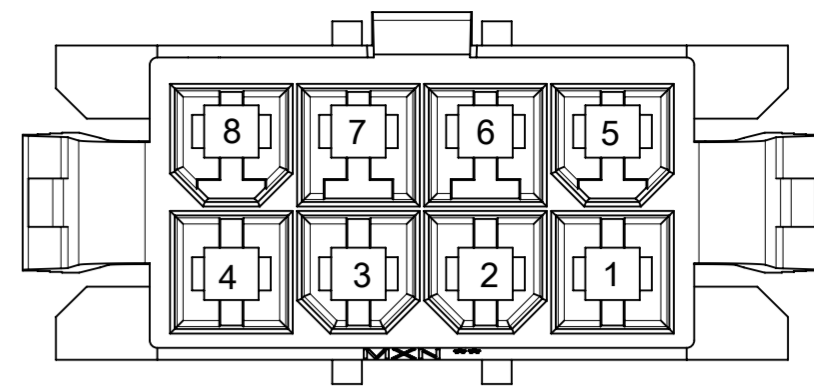
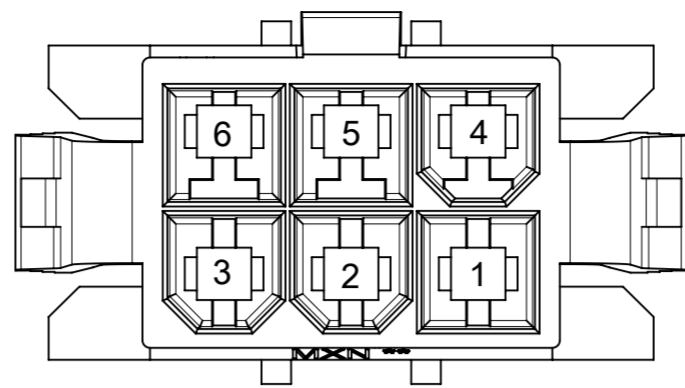
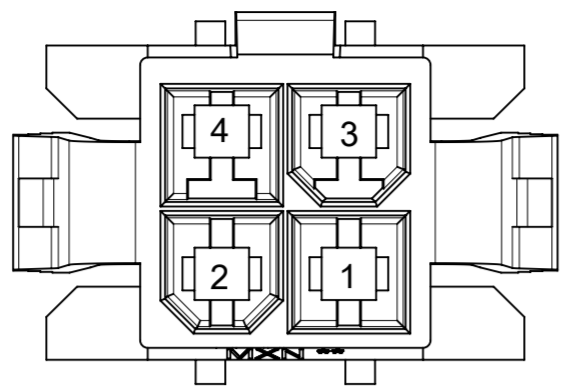
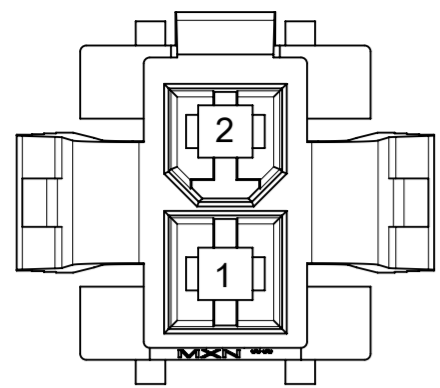


CAVITY CODE



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DIMENSION UNITS	SCALE	CURRENT REV DESC:				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	2023/01/06			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES	±	DRWN: JERRYW8	2023/02/01			1727670002-SD		PSD	000	A6
2 PLACES	± 0.25	CHK'D: XQZHANG	2023/02/01			MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
1 PLACE	± 0.36	APPR: XQZHANG	2023/02/01	INITIAL REVISION:		SEE TABLE		GENERAL MARKET		2 OF 4
0 PLACES	±	DRWN: ALUO02	2019/09/24	2019/10/11						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES					
				A2-SIZE	172767					

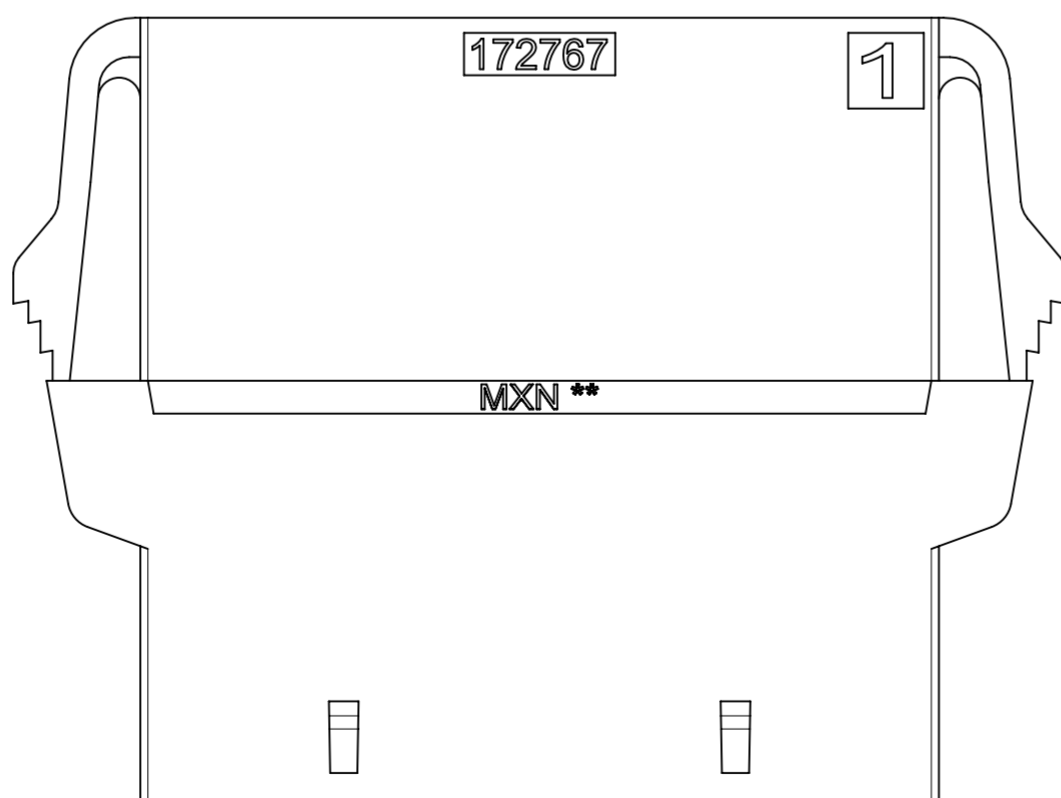
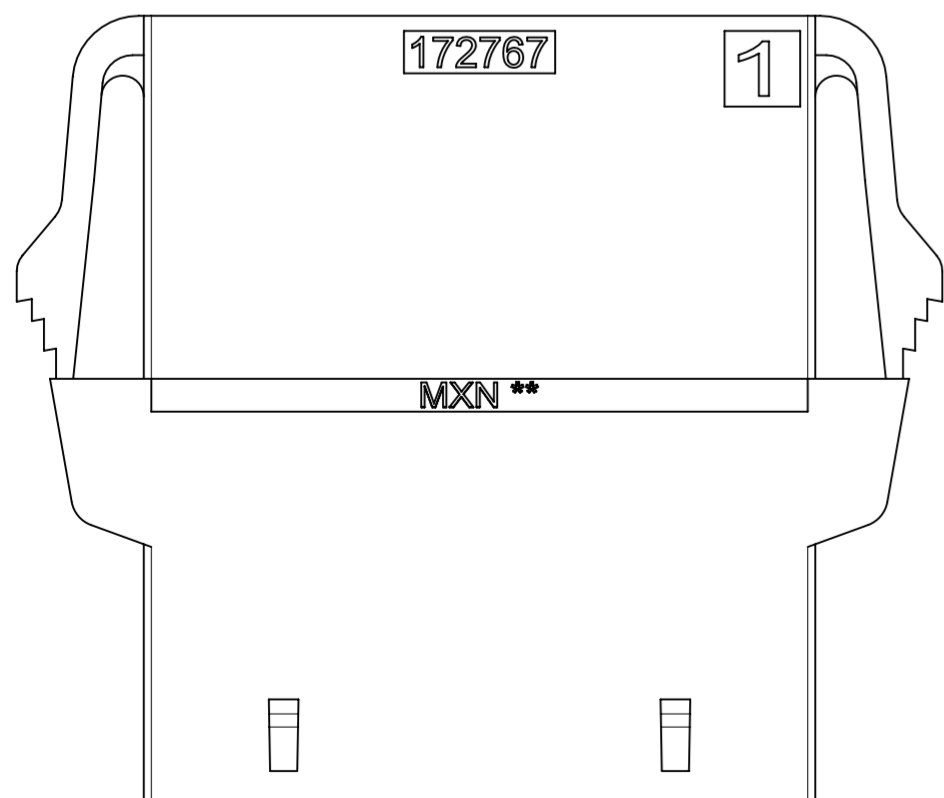
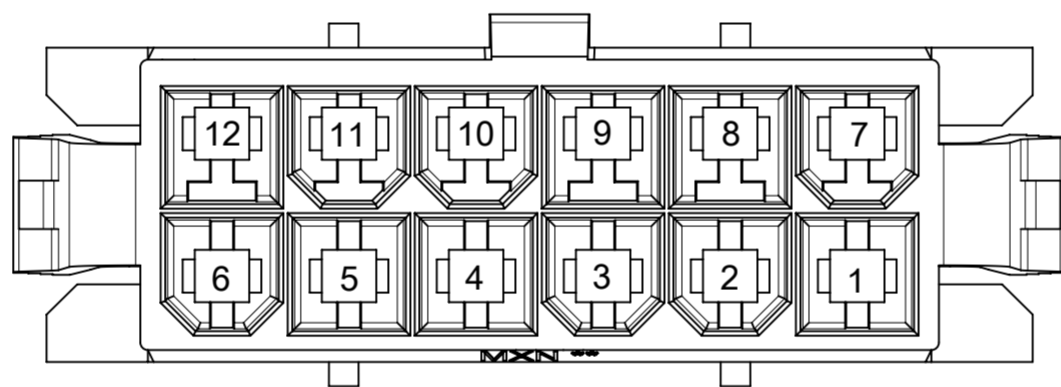
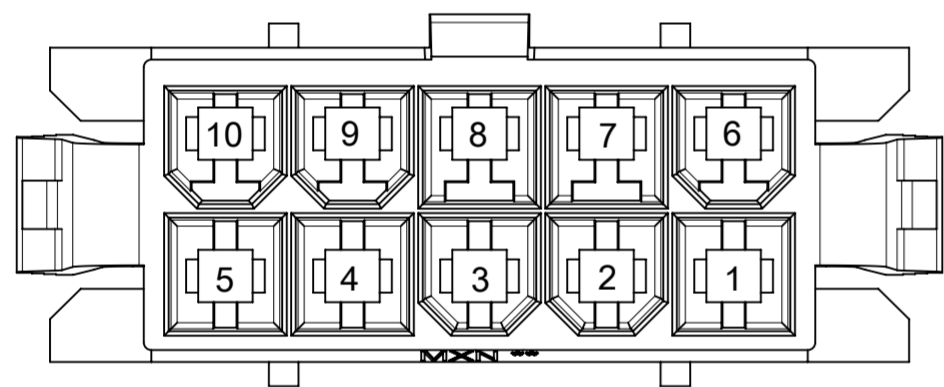


2-CKT

4-CKT

6-CKT

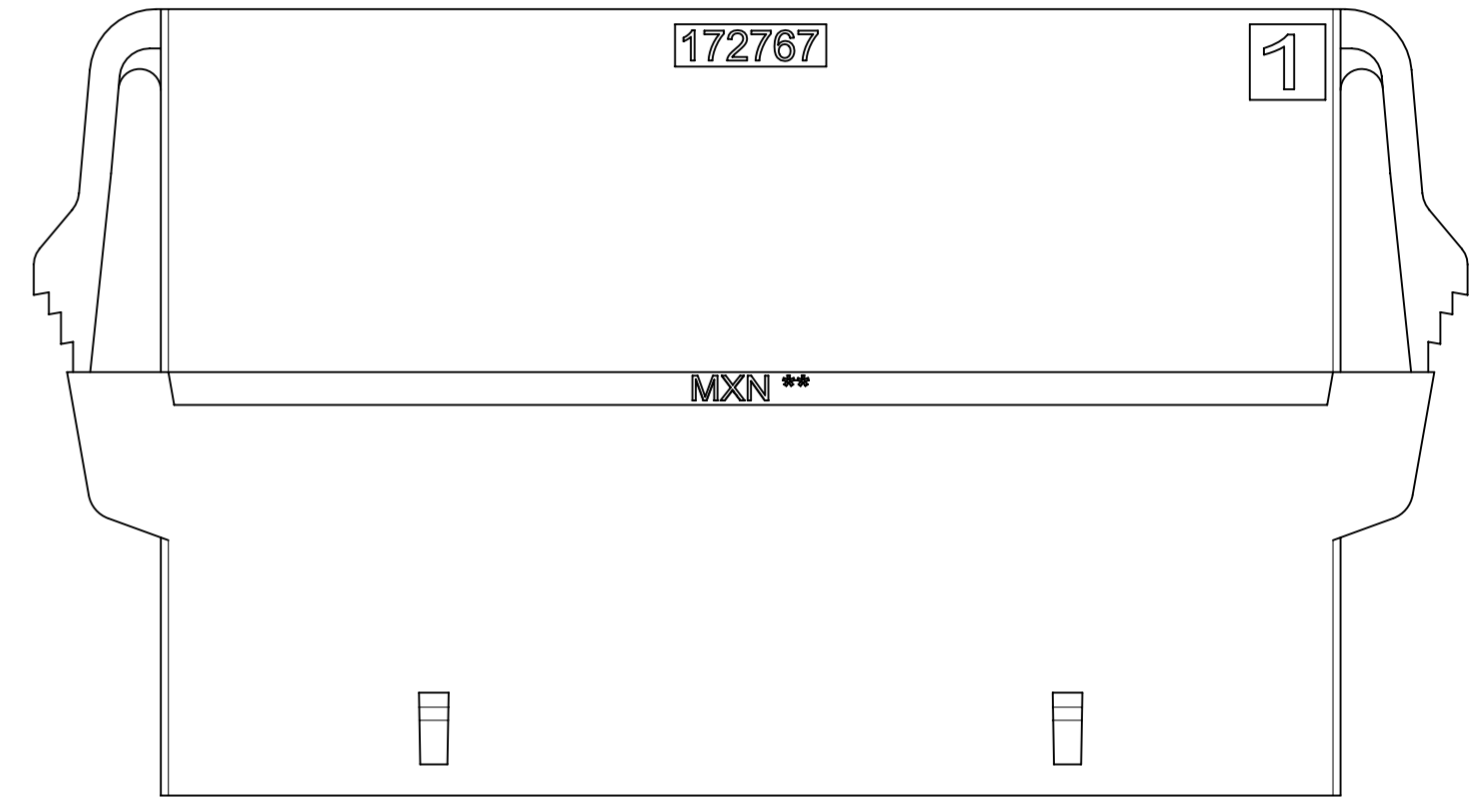
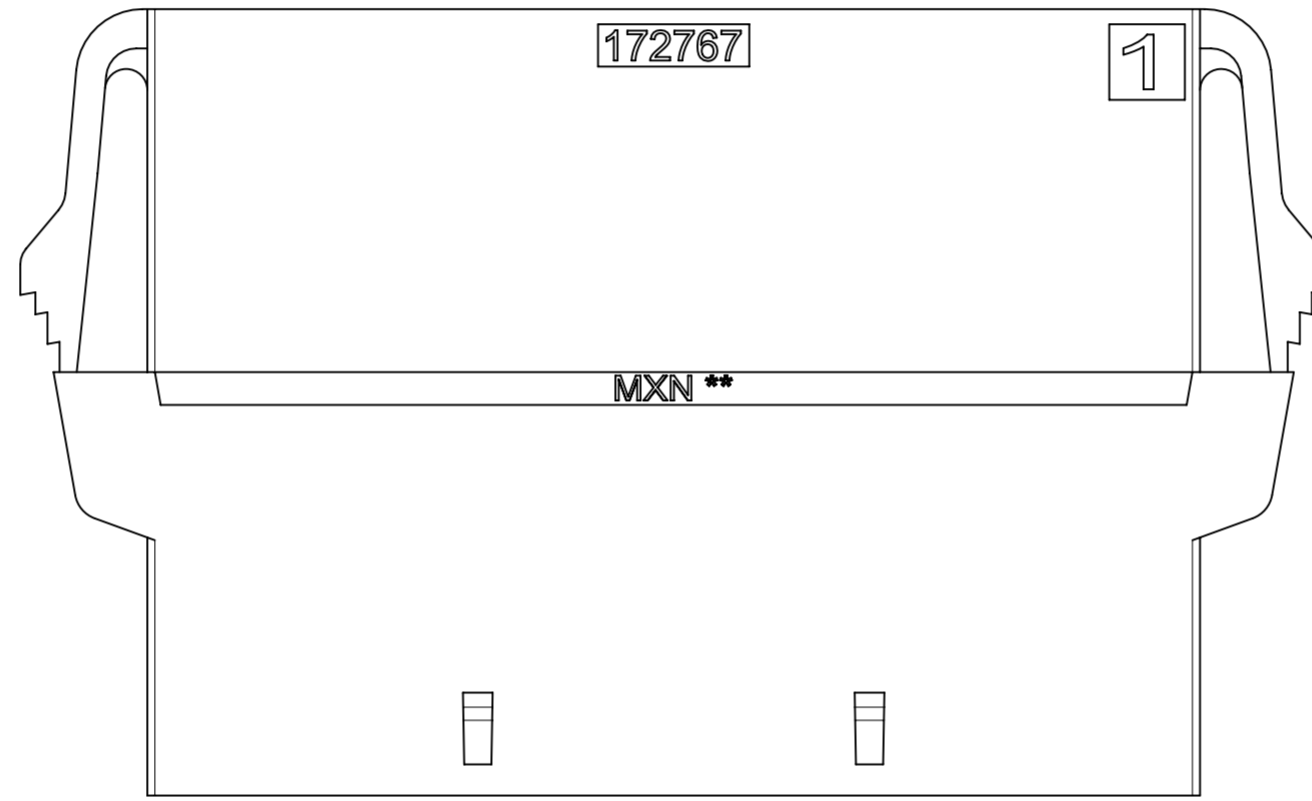
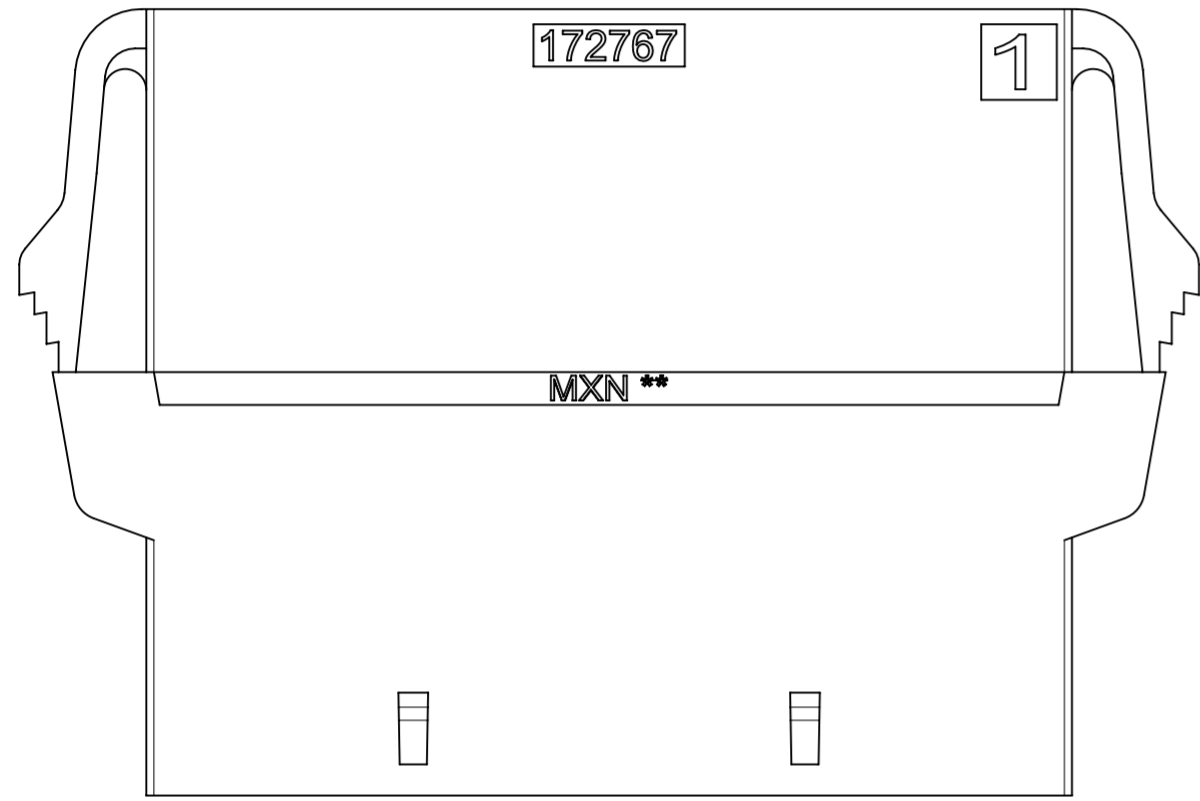
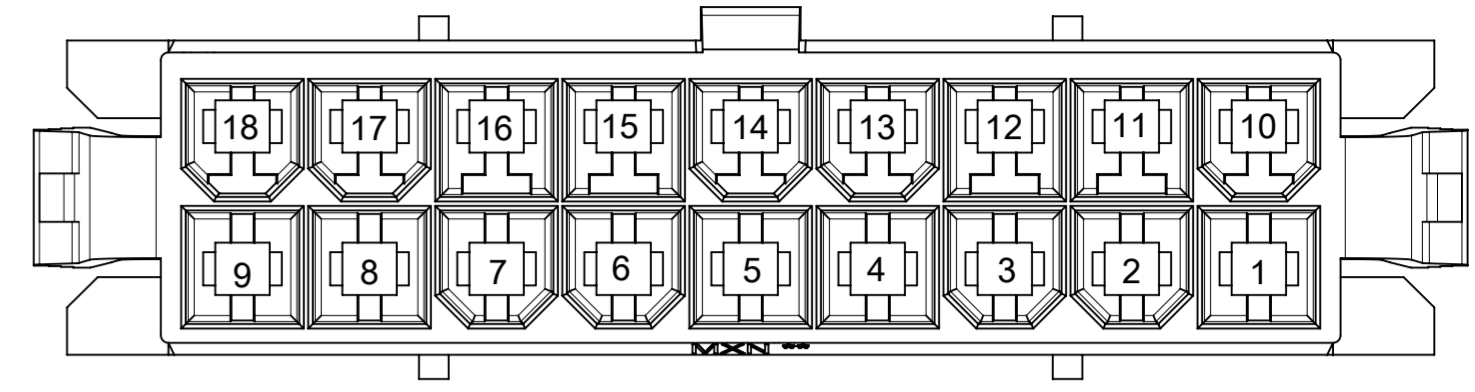
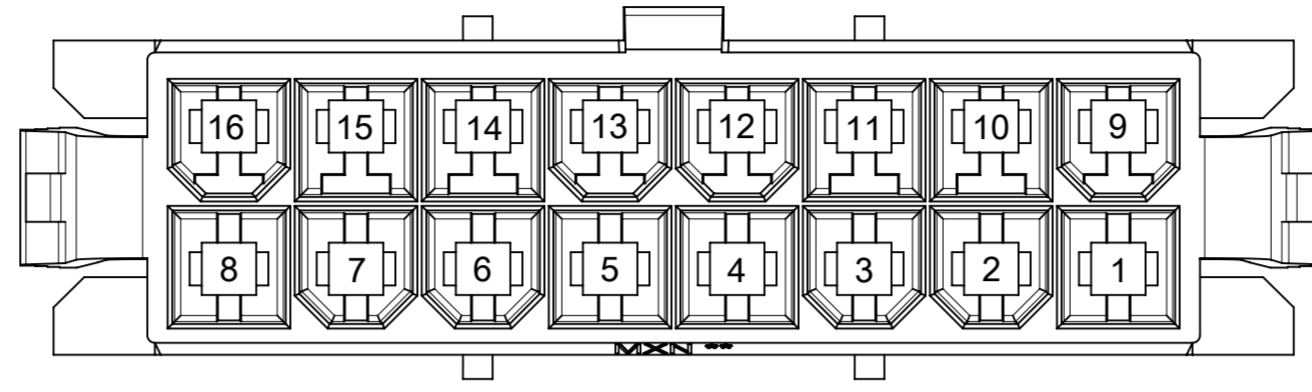
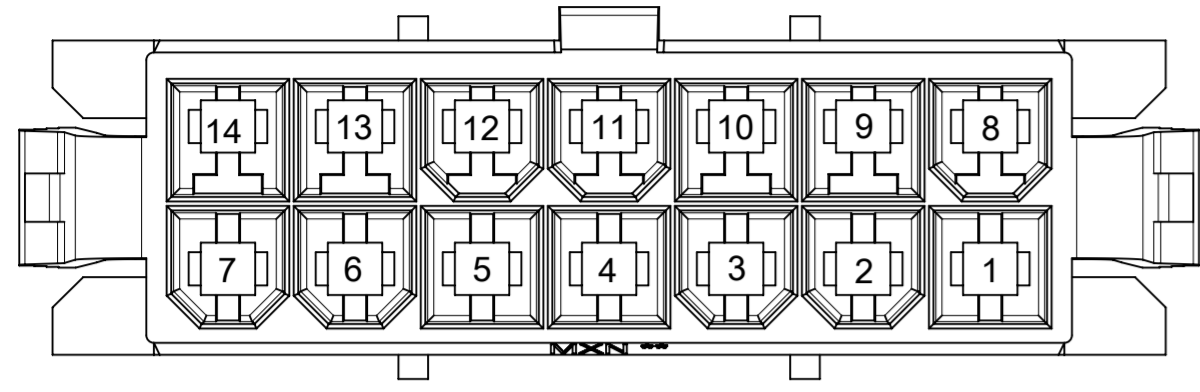
8-CKT



10-CKT

12-CKT

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



14-CKT

16-CKT

18-CKT

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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			
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				A2-SIZE		172767	
				MATERIAL NUMBER		CUSTOMER	
				SEE TABLE		GENERAL MARKET	
				SHEET NUMBER		4 OF 4	

molex

SD-DRAWING OF MINI-FIT SIGMA DR PLUG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1727670002-SD
DOC TYPE: PSD
DOC PART: 000
REVISION: A6