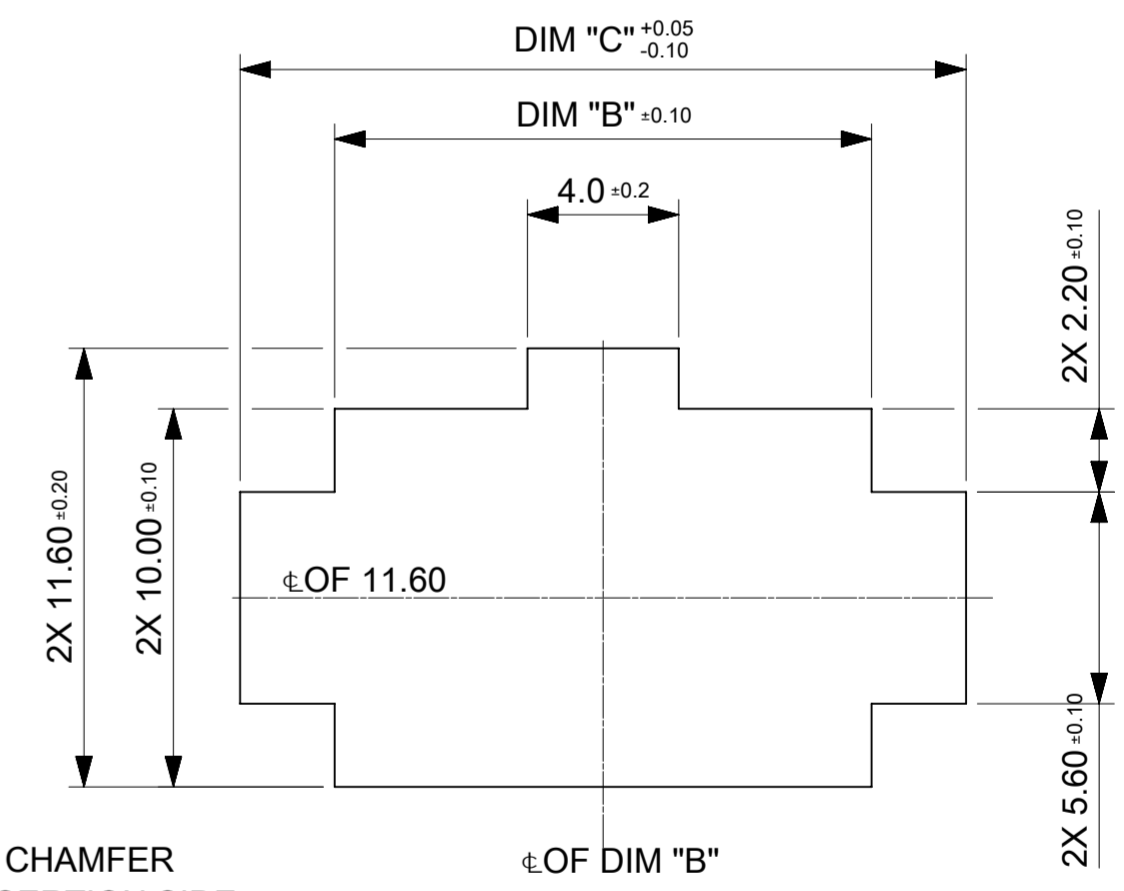
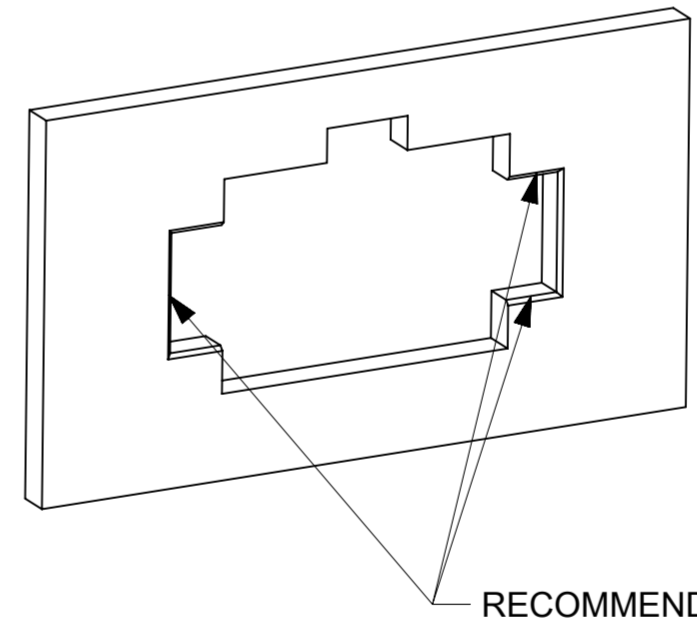
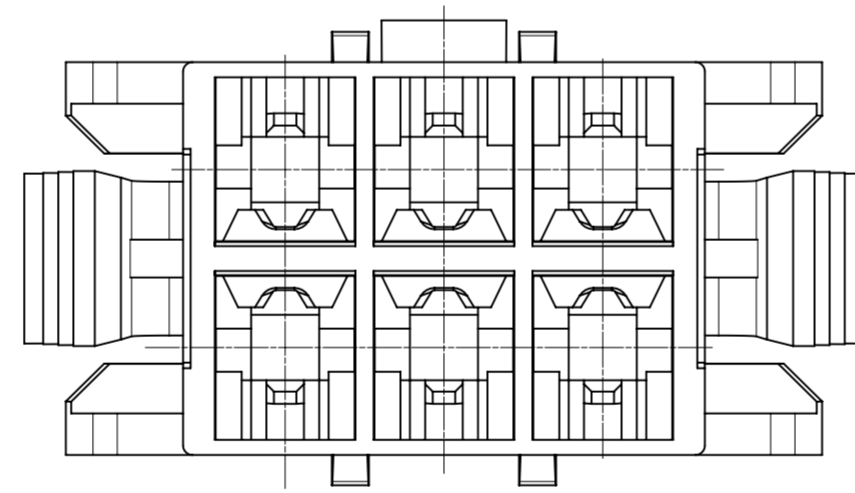
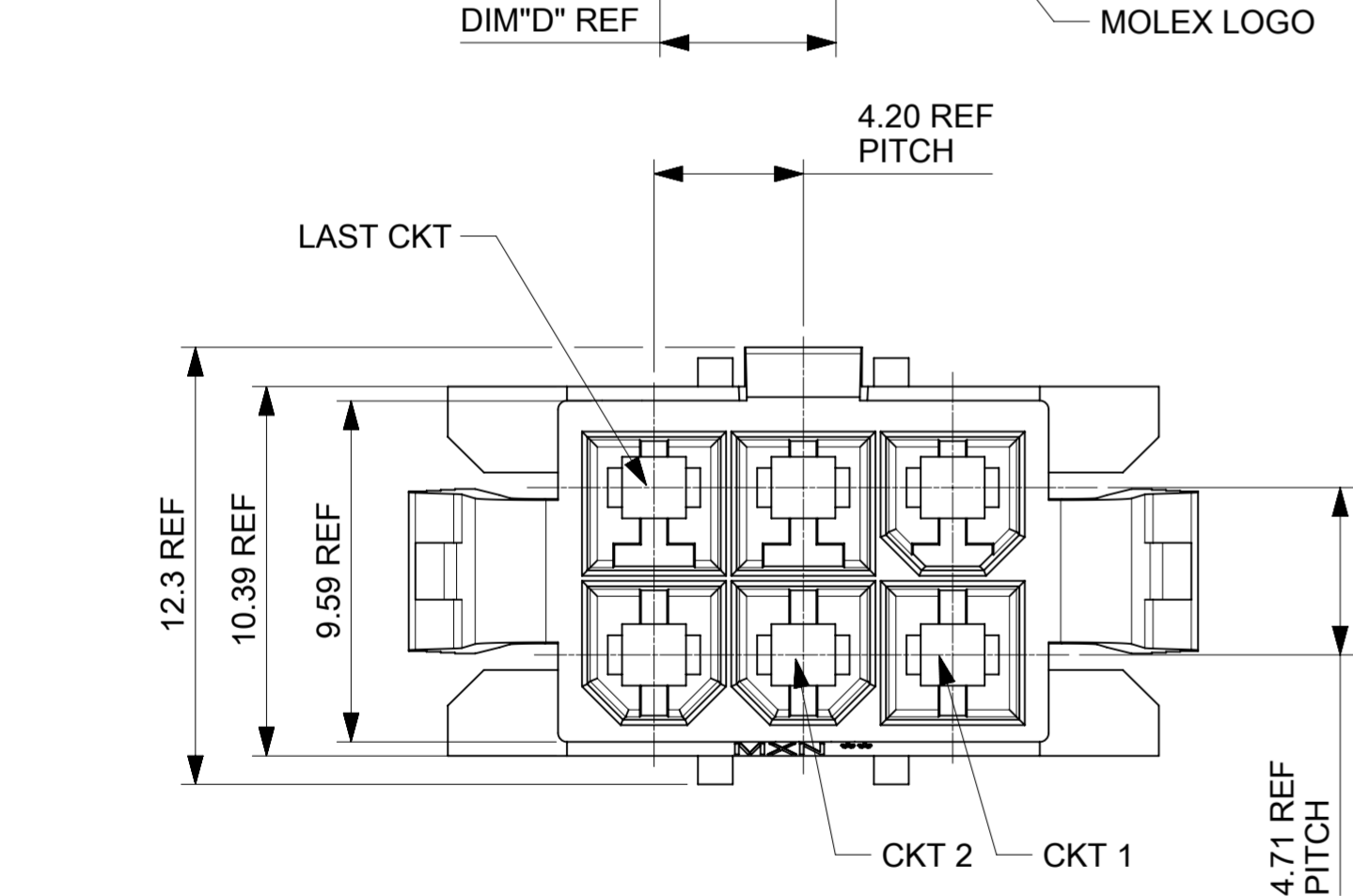
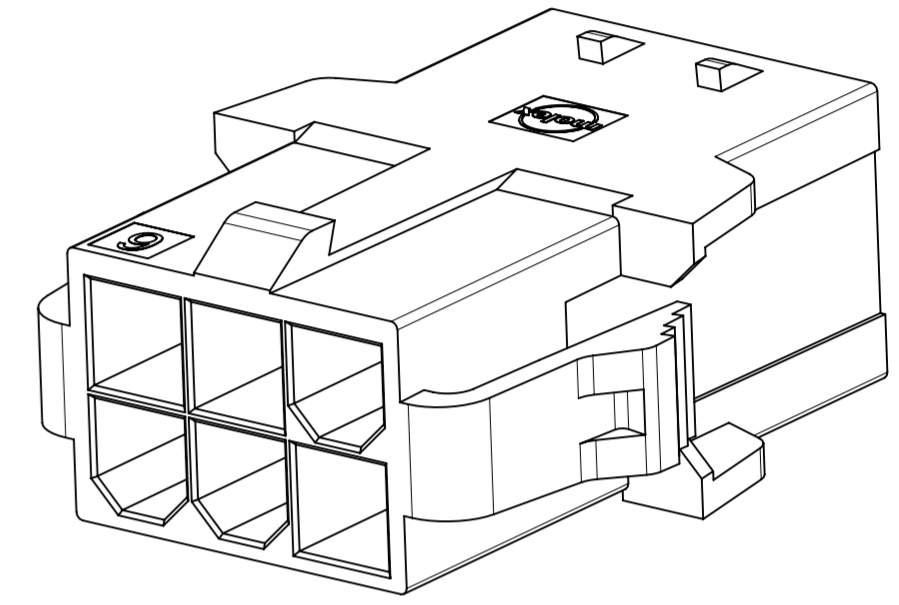


PLUG P/N	CKT	DIM "A"	DIM "B"	DIM "C"	DIM "D"
1727673002	2	5.40	5.80	10.80	4.95
1727673004	4	9.60	10.00	15.00	4.95
1727673006	6	13.80	14.20	19.20	4.95
1727673008	8	18.00	18.40	23.40	4.95
1727673010	10	22.20	22.60	27.60	12.95
1727673012	12	26.40	26.80	31.80	12.95
1727673014	14	30.60	31.00	36.00	12.95
1727673016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

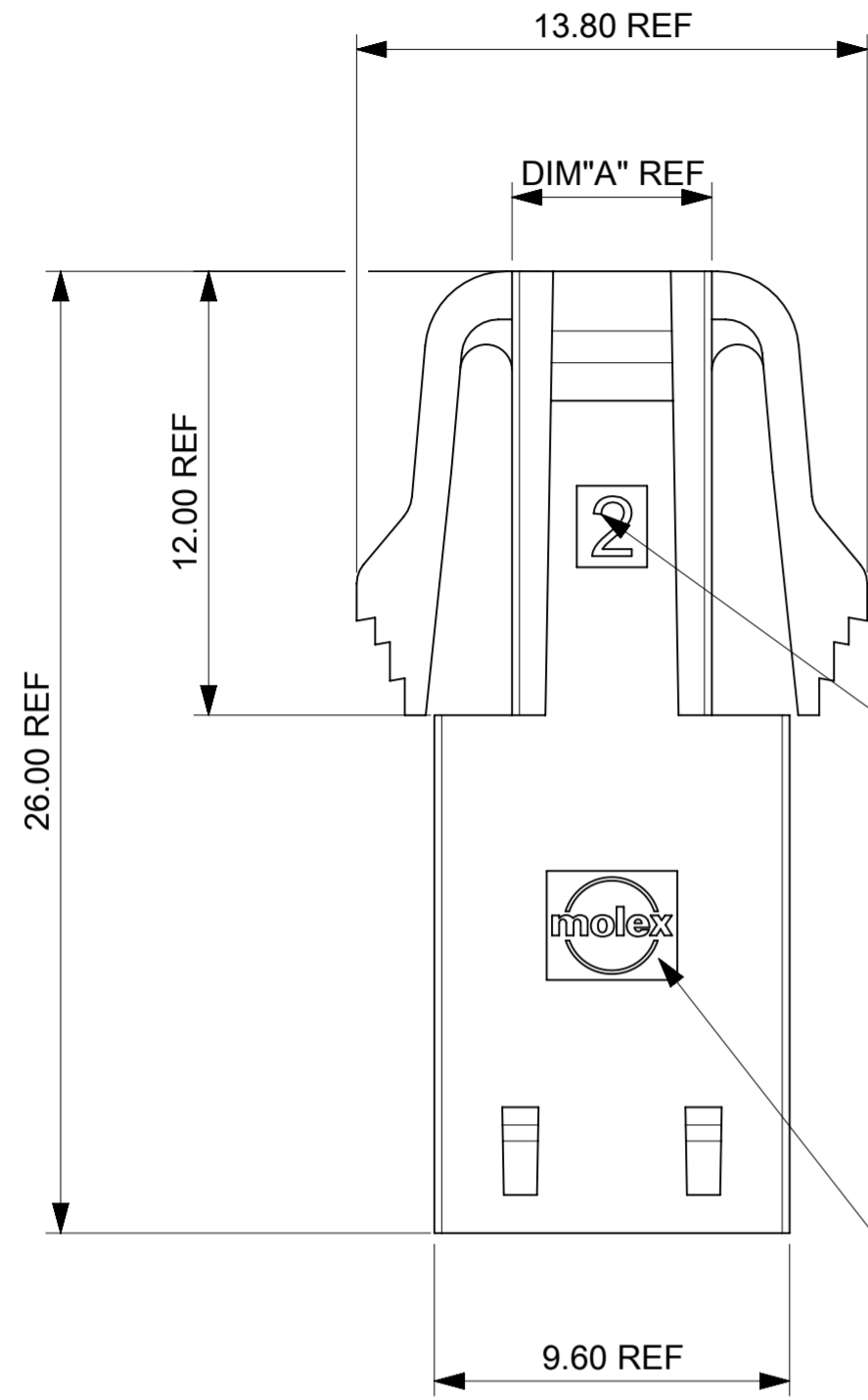


- NOTES:
- MATERIAL: NYLON, UL 94V-0 AND GLOW WIRE CAPABLE PER IEC60335-1; COLOR: BLACK
  - FINISH: NONE
  - PRODUCT SPECIFICATION: 2131370000-PS/2029880002-PS  
APPLICATION SPECIFICATION: 2131370000-AS
  - PACKAGING SPECIFICATION: 172762-0001-PK  
REFER TO AS-45499-001 FOR MOISTURIZING NYLON CONNECTOR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

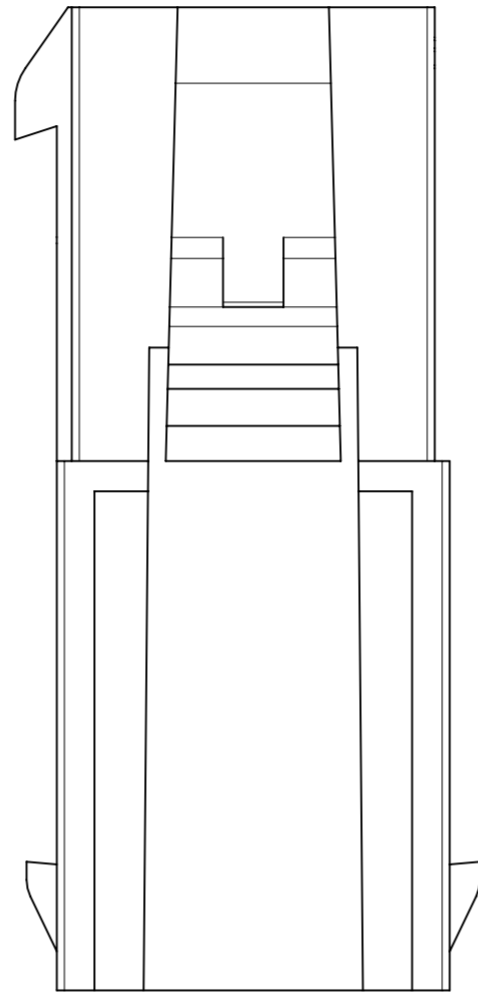
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DIMENSION UNITS	SCALE	CURRENT REV DESC:		<b>molex</b>		
mm	NTS					
GENERAL TOLERANCES (UNLESS SPECIFIED)				SD-DRAWING OF MINI-FIT SIGMA DR PLUG		
ANGULAR TOL	±	°		PRODUCT CUSTOMER DRAWING		
4 PLACES	±	EC NO: 735375		DOCUMENT NUMBER		
3 PLACES	±	DRWN: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



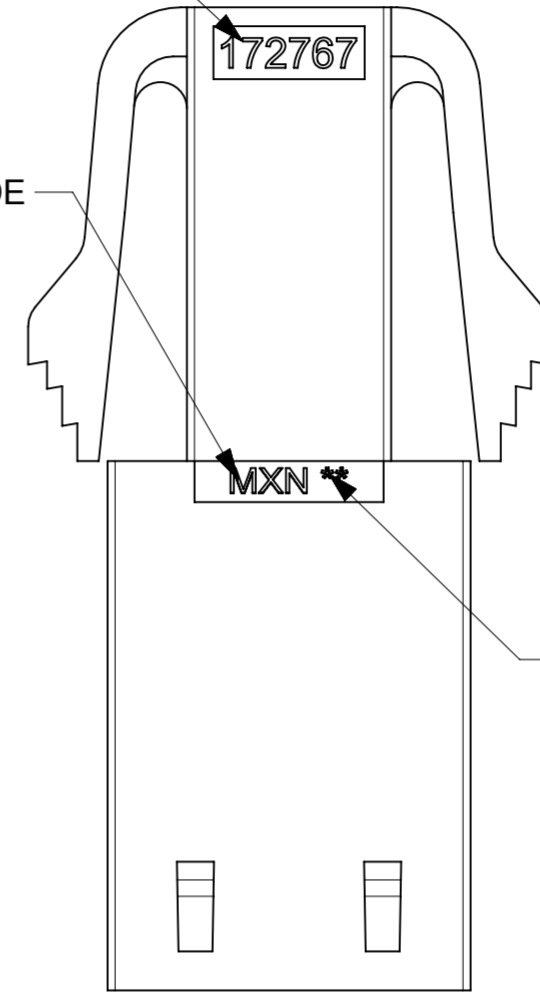
LAST CKT CODE

MOLEX LOGO

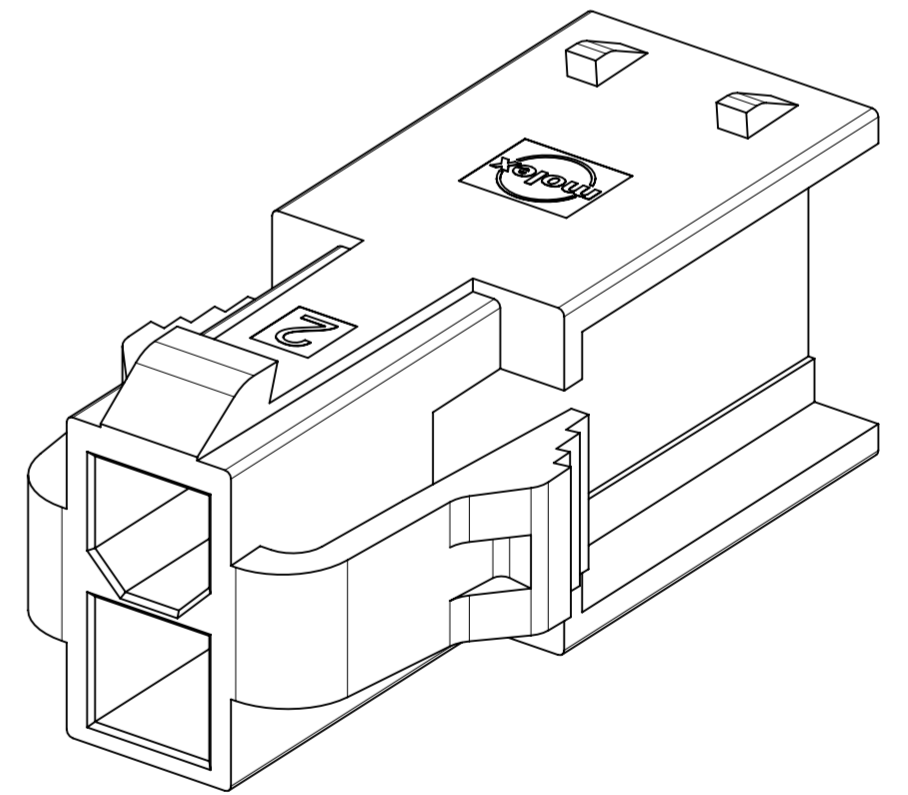
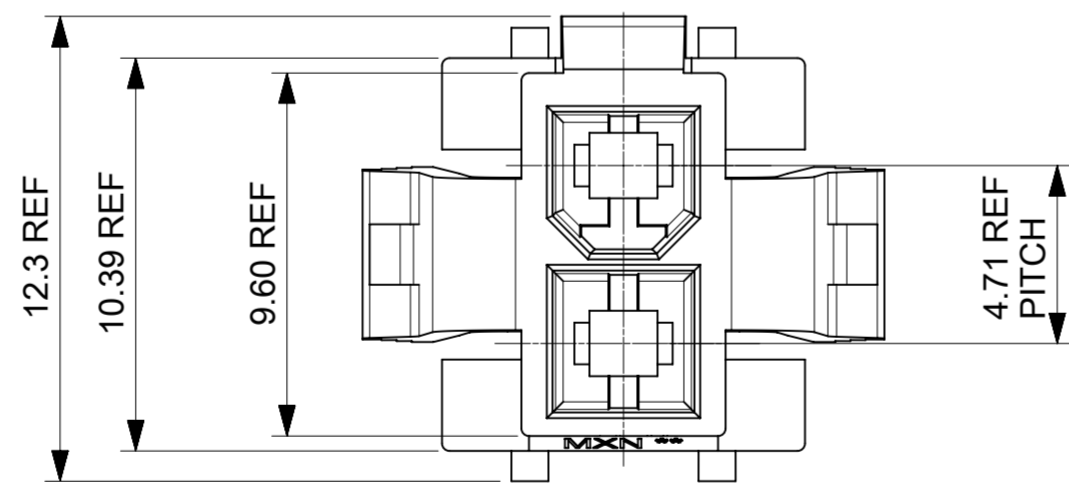
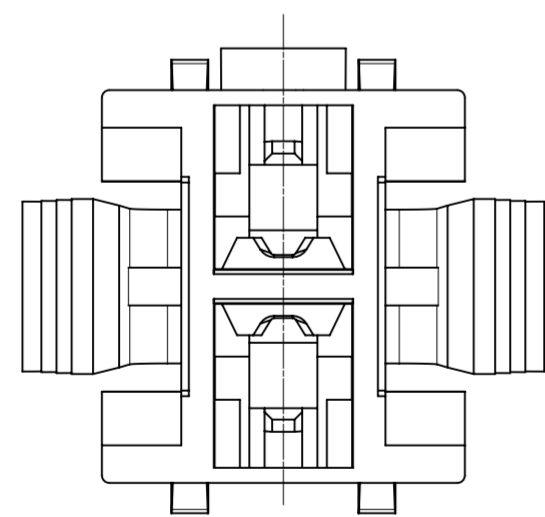


PLUG SERIES

MOLEX PLANT CODE

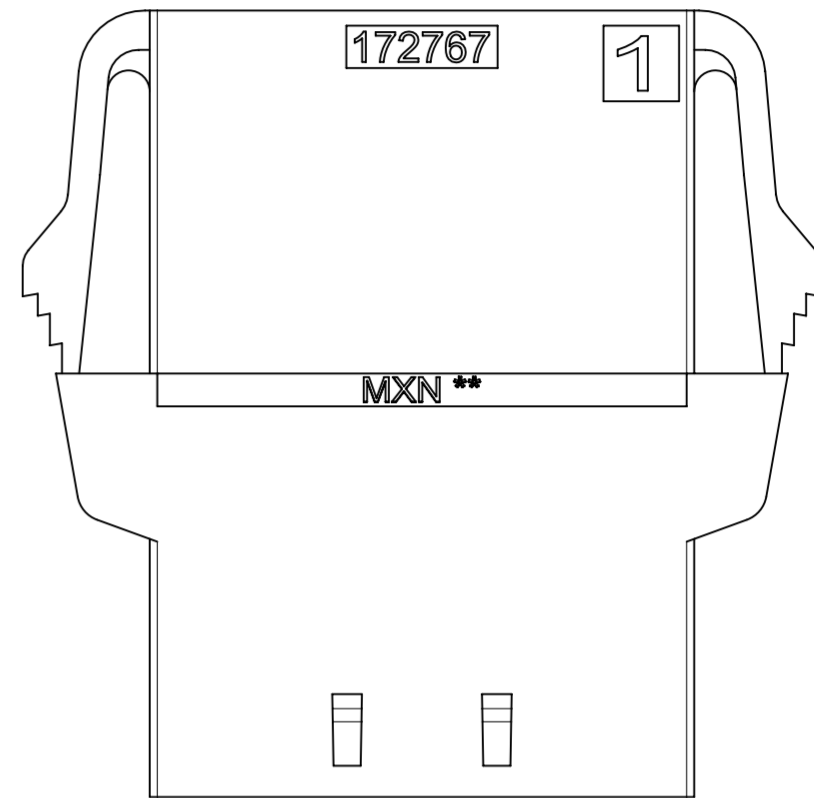
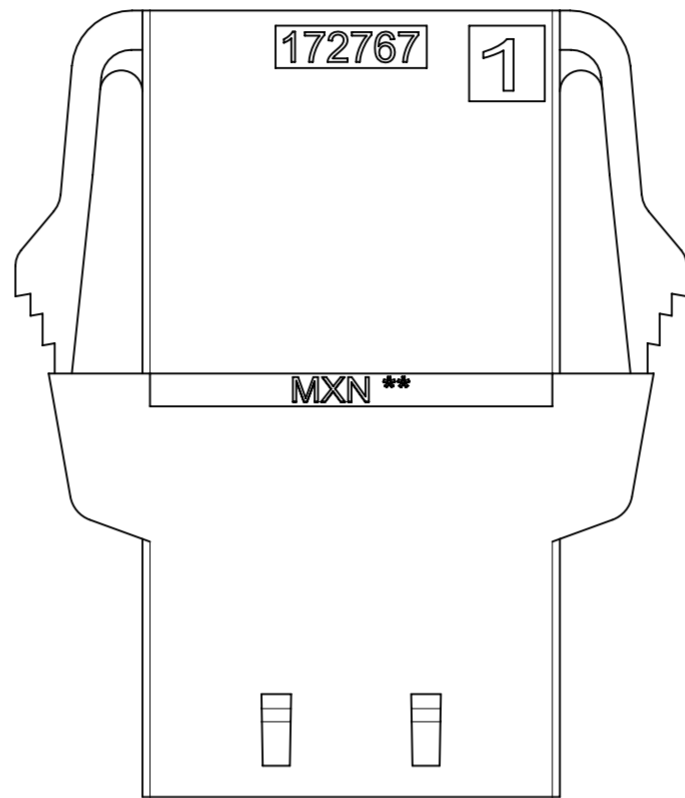
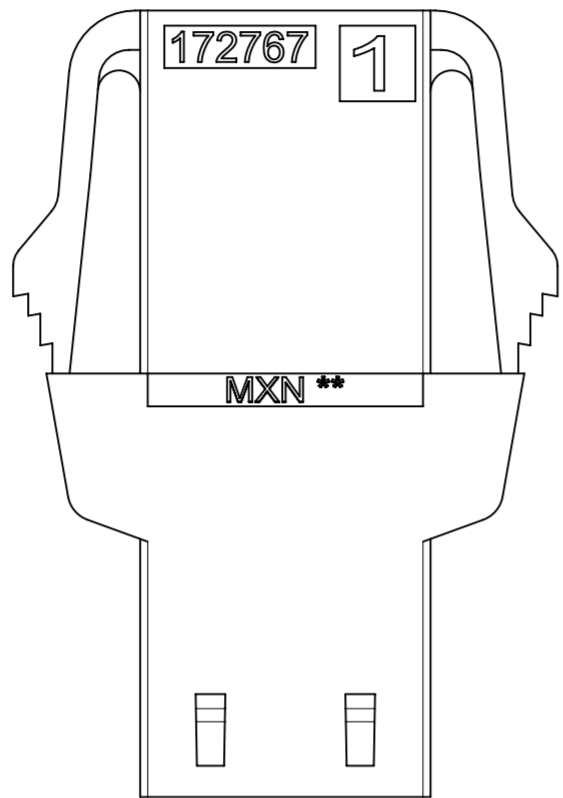
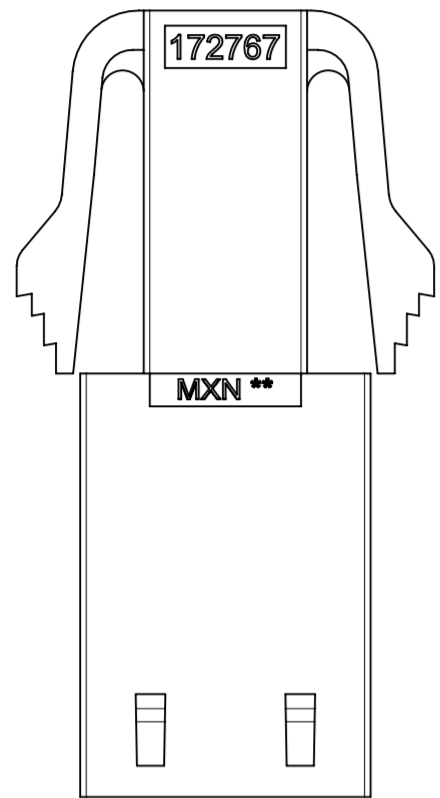
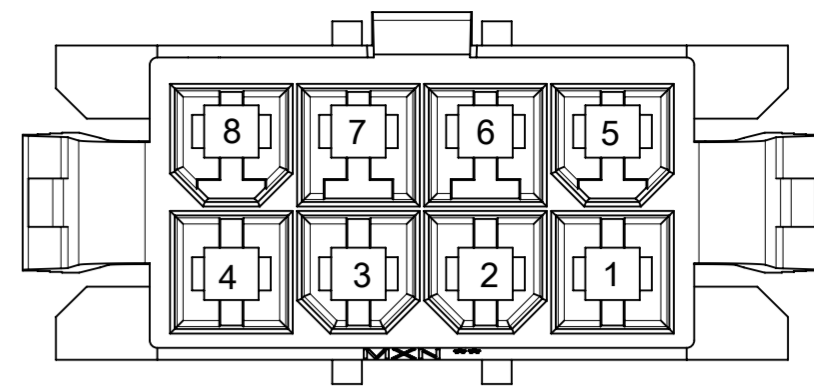
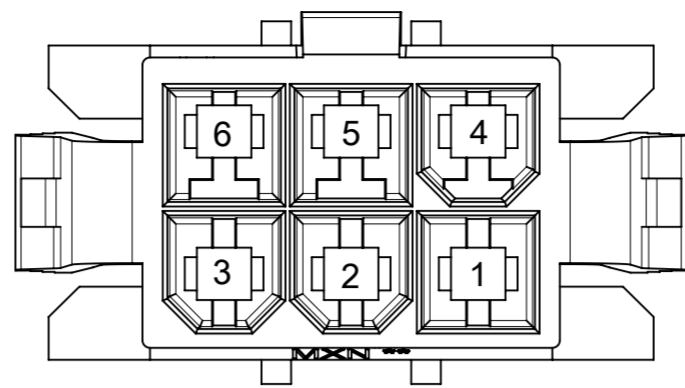
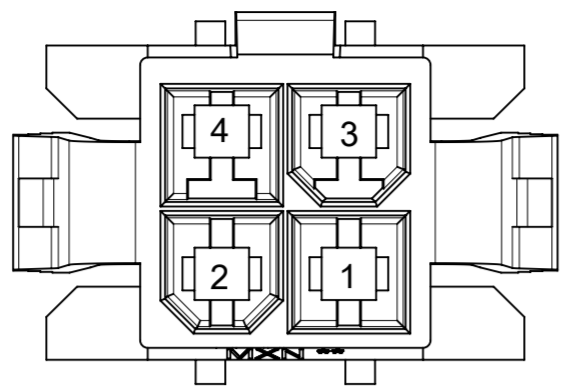
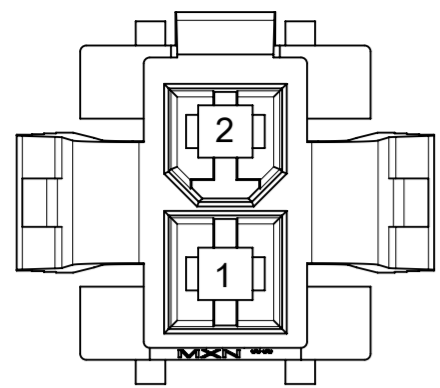


CAVITY CODE



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DIMENSION UNITS	SCALE	CURRENT REV DESC:				<b>molex</b>				
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			SEE TABLE		GENERAL MARKET		2 OF 4
0 PLACES	±	INITIAL REVISION:								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: ALU002	2019/09/24							
		APPR: YXZHENG	2019/10/11							
		THIRD ANGLE PROJECTION	DRAWING	SERIES						
			A2-SIZE	172767						

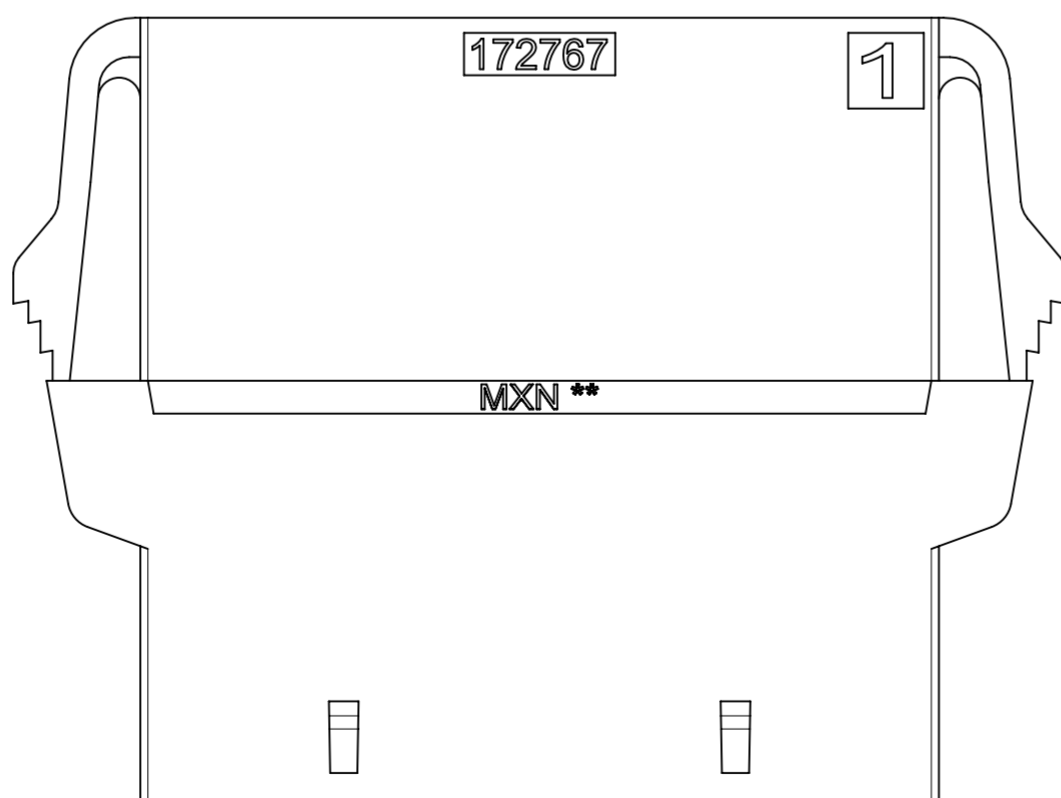
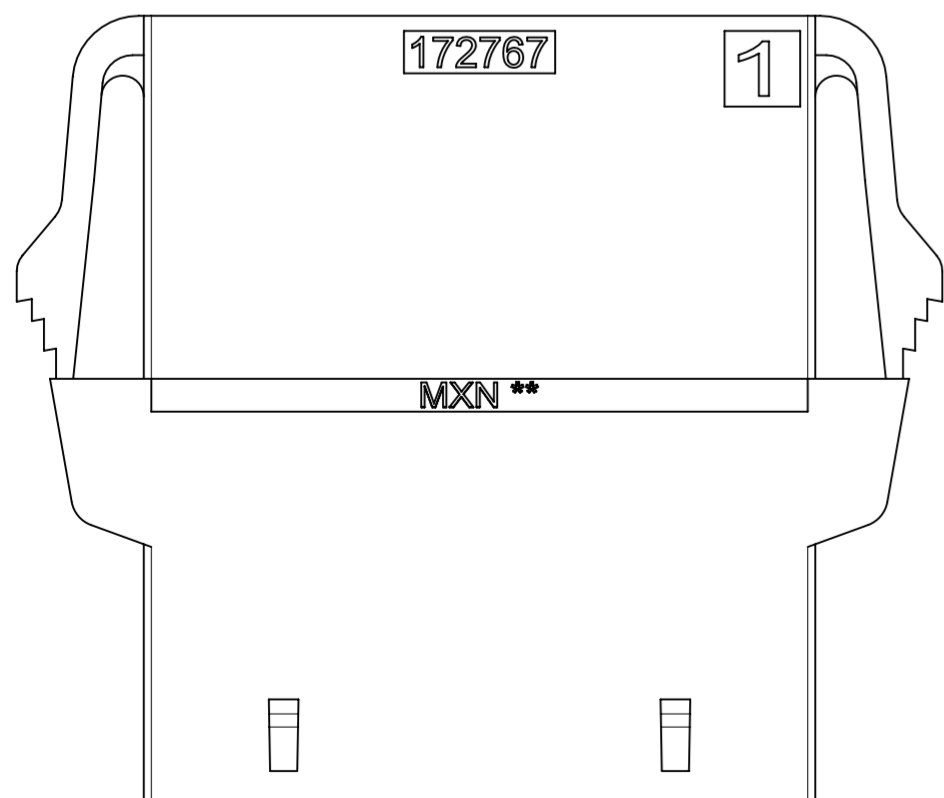
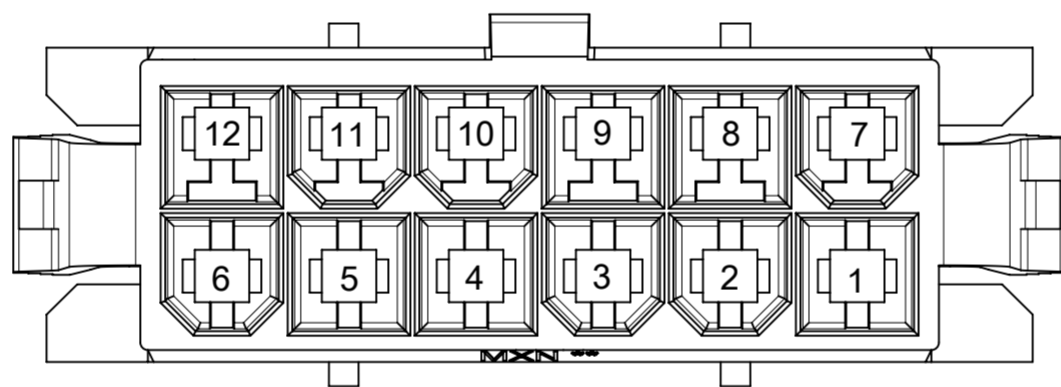
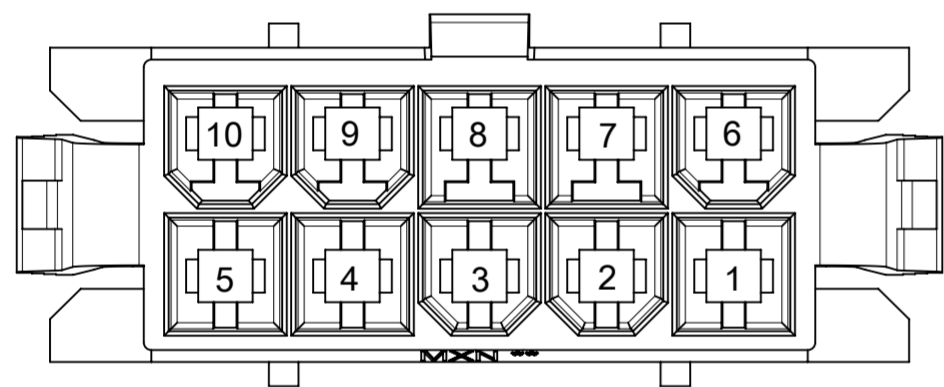


2-CKT

4-CKT

6-CKT

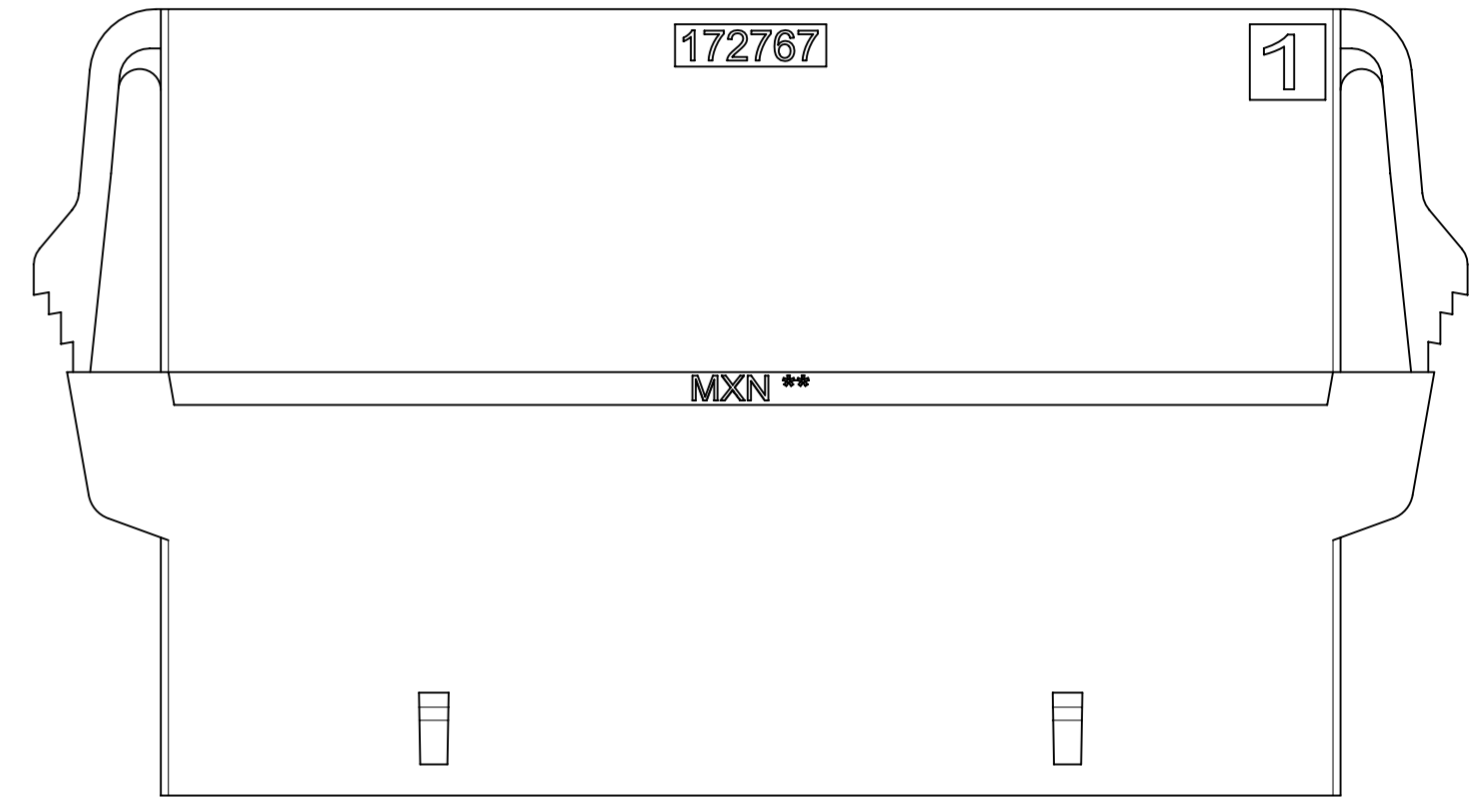
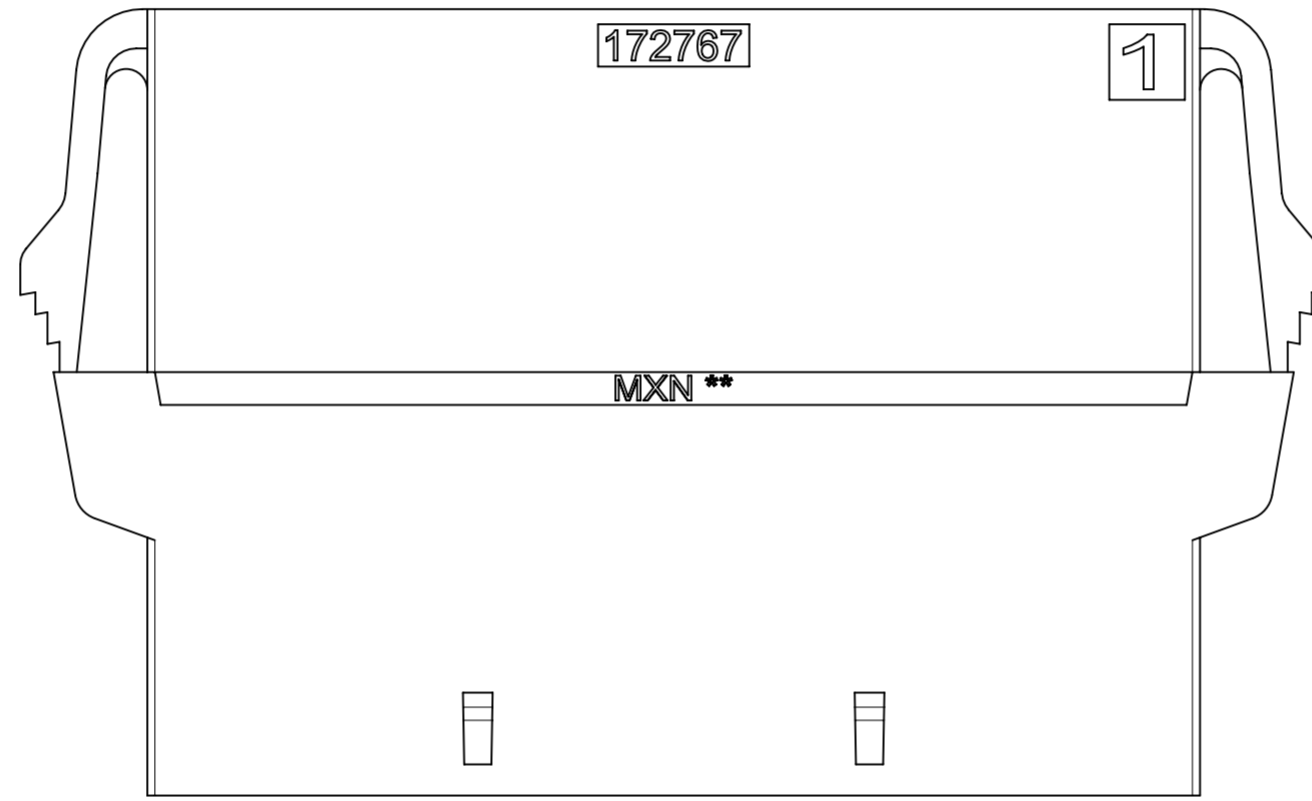
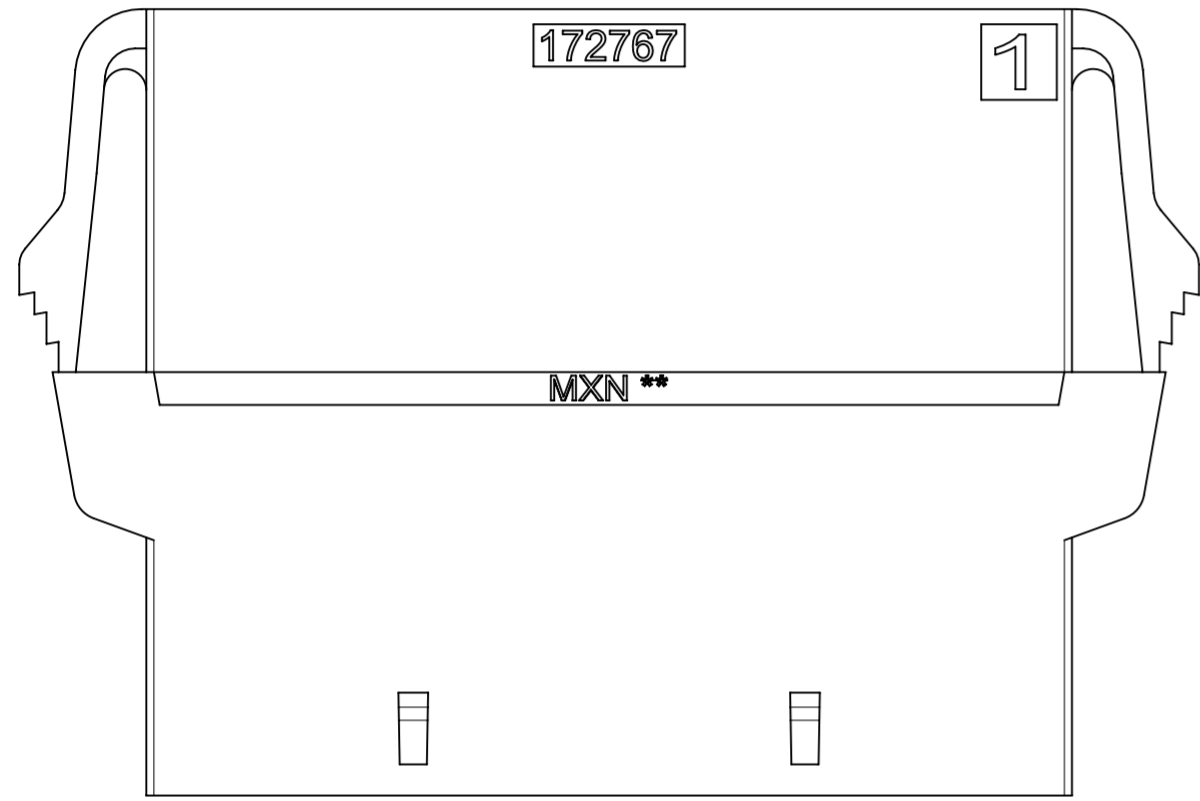
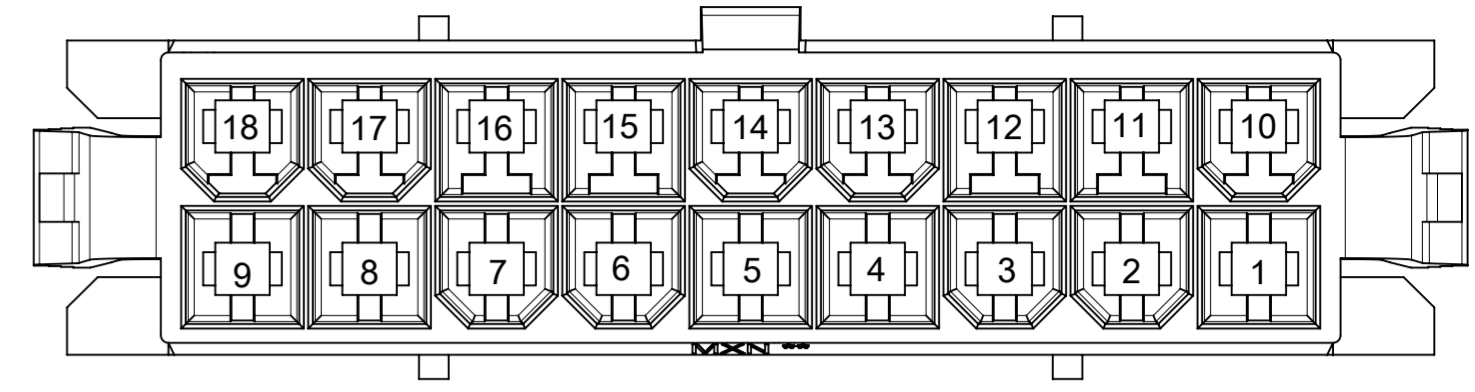
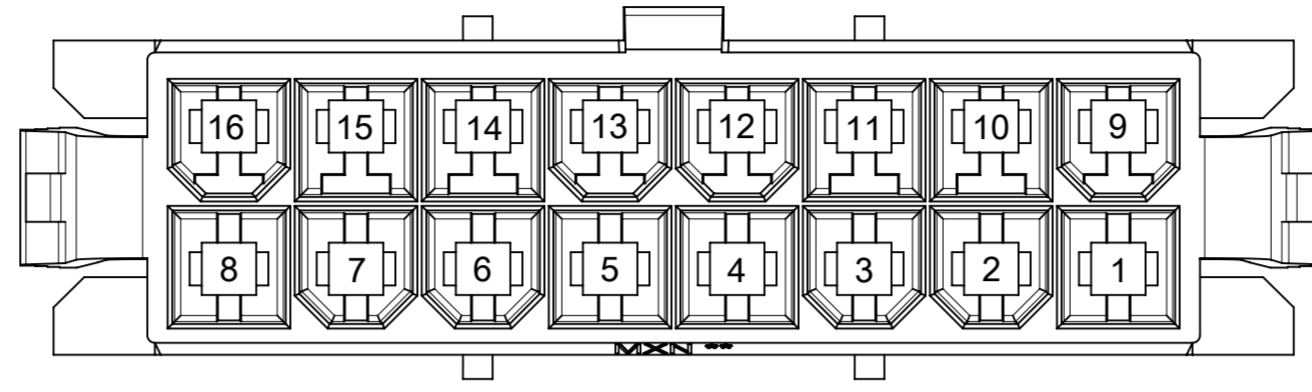
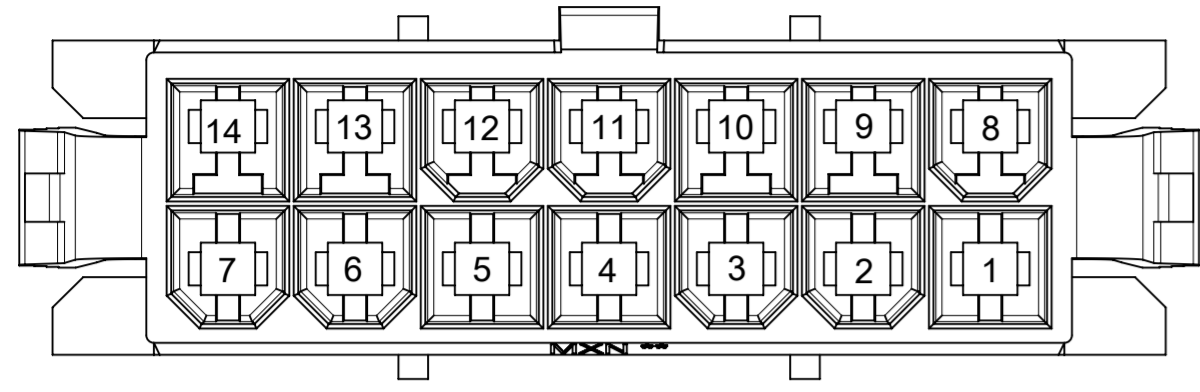
8-CKT



10-CKT

12-CKT

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



14-CKT

16-CKT

18-CKT

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		<b>molex</b>			
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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		DRAWING		SERIES		MATERIAL NUMBER	
		DRAWING		SERIES		CUSTOMER	
		DRAWING		SERIES		SHEET NUMBER	
		DRAWING		SERIES		GENERAL MARKET	
		DRAWING		SERIES		4 OF 4	

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