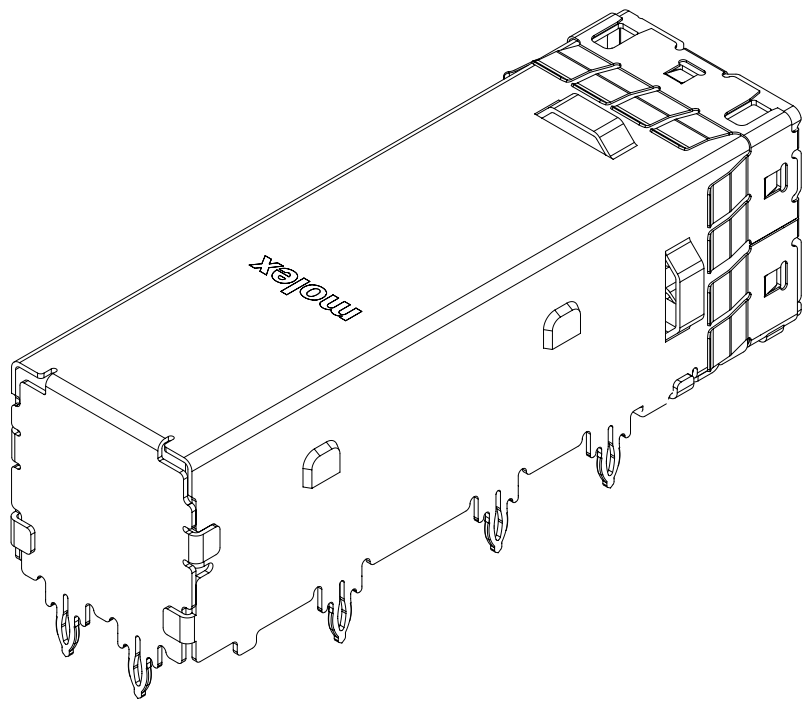
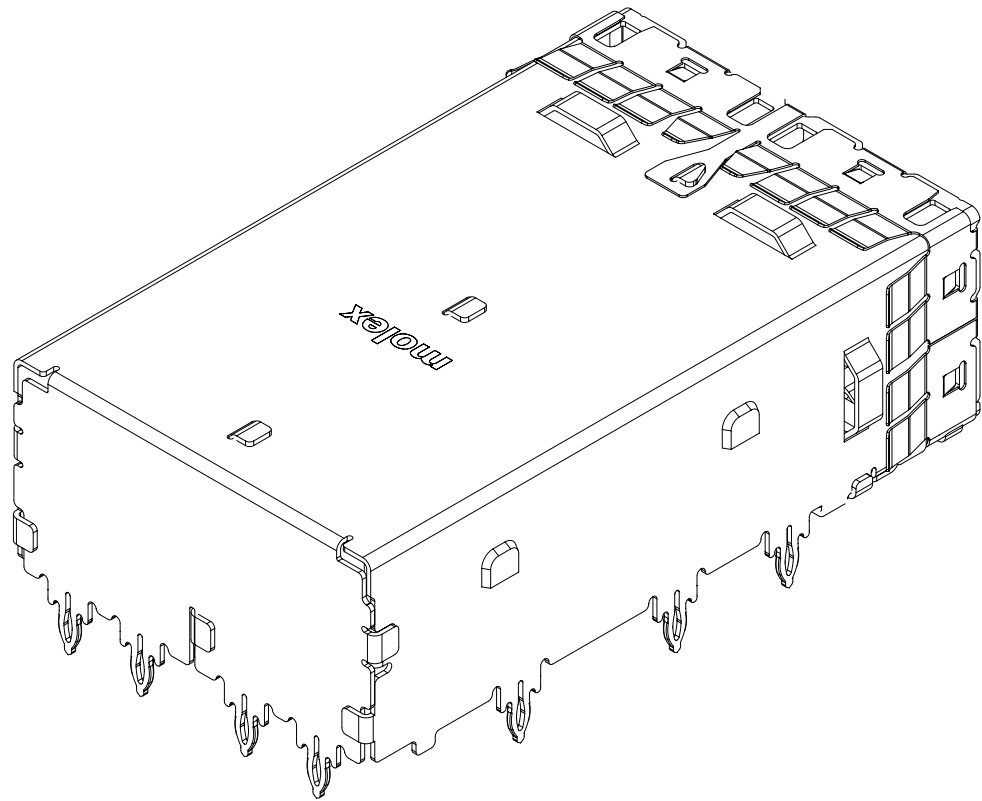
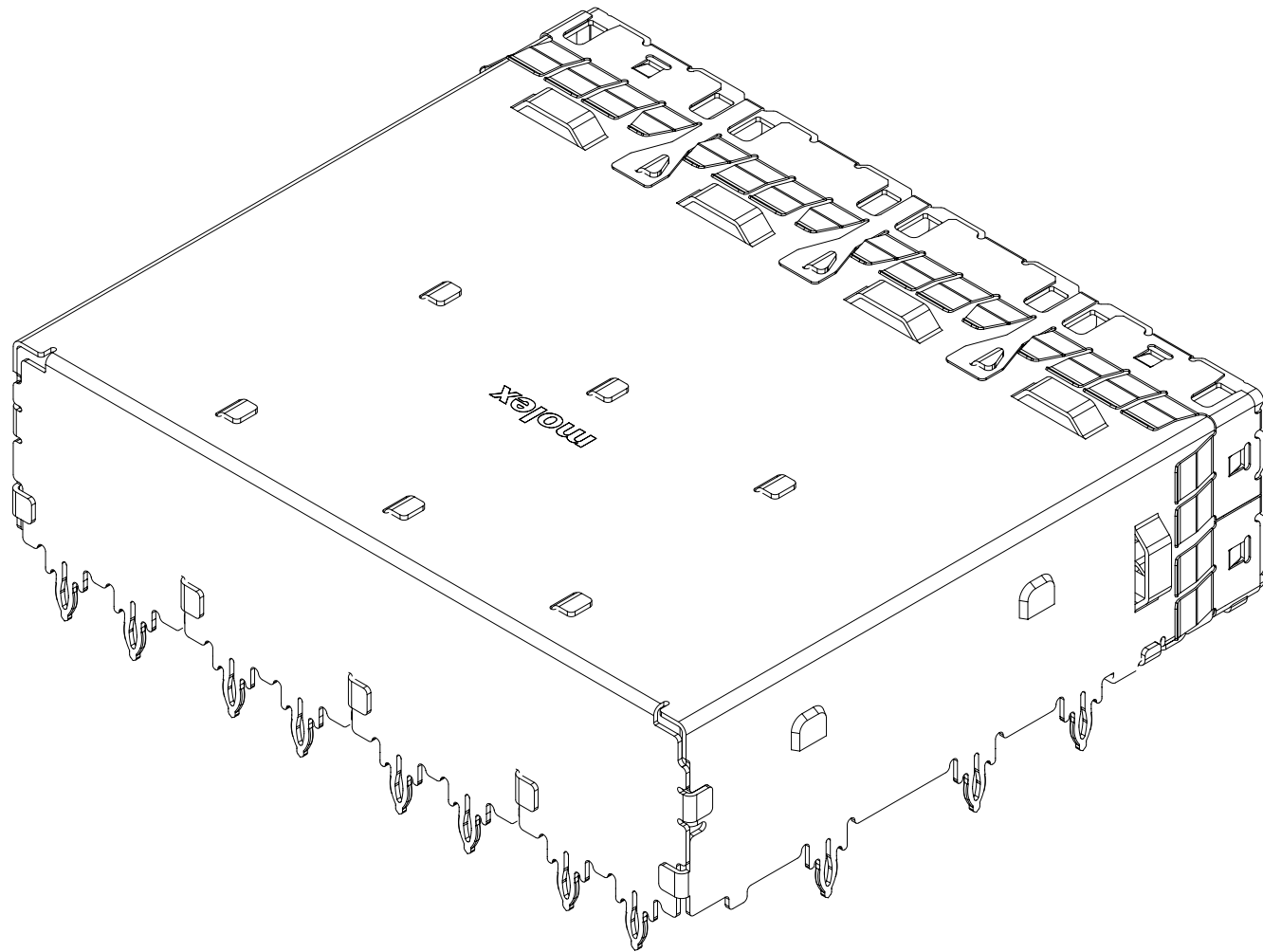




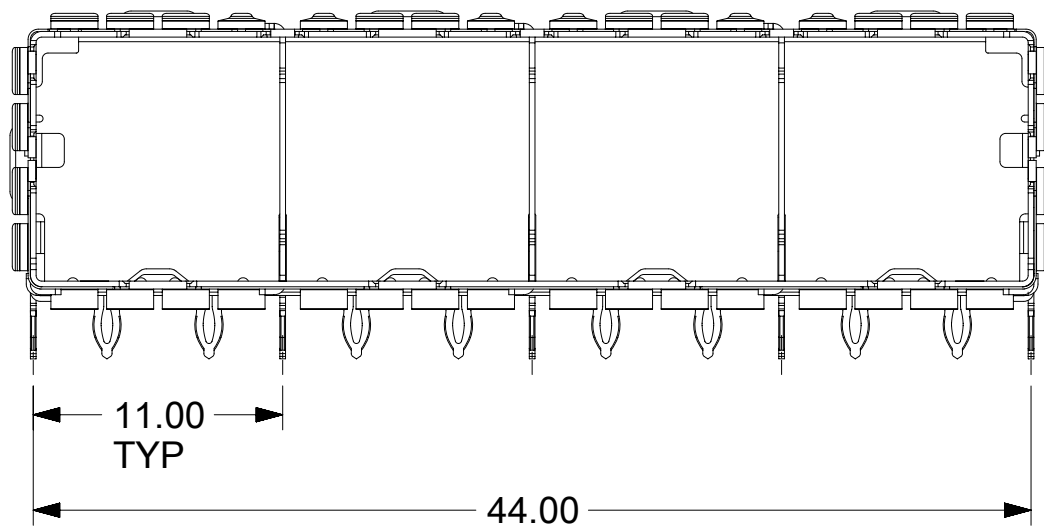
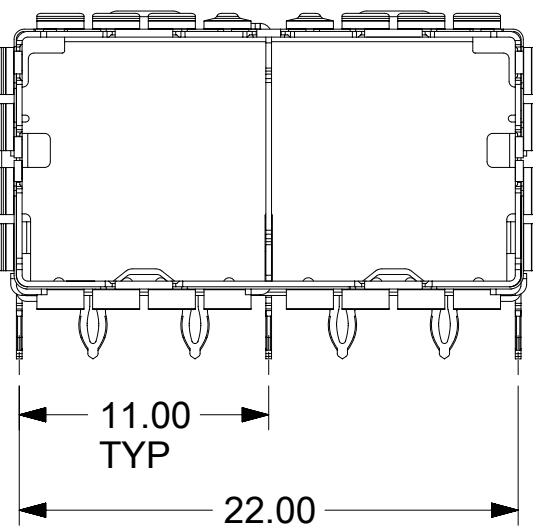
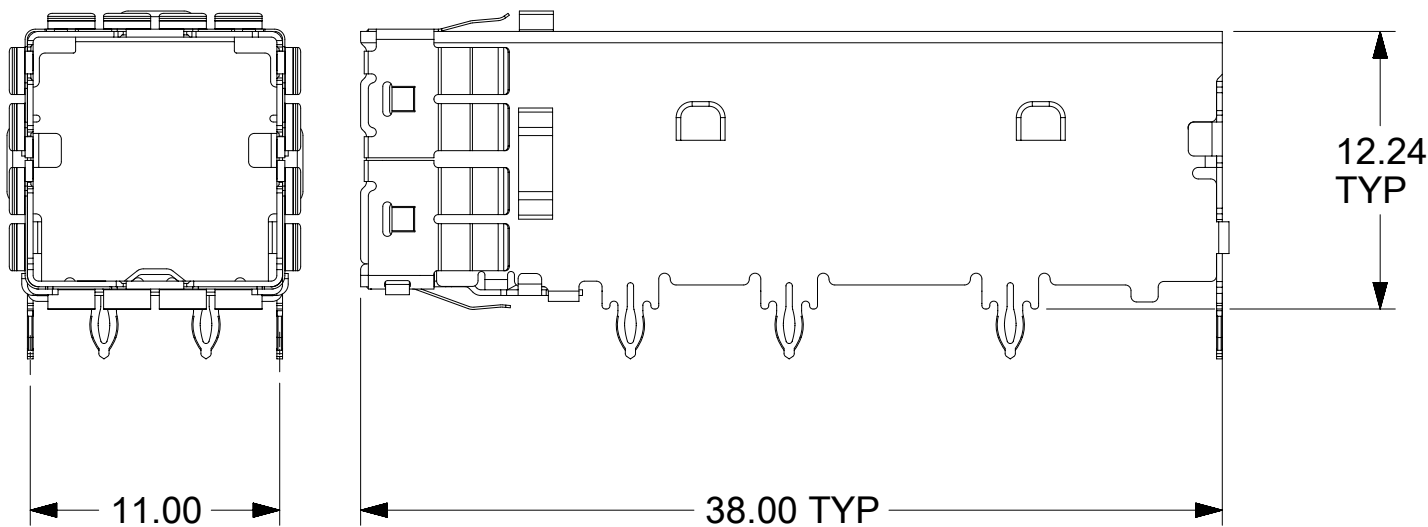
1X1



1X2



1X4



- NOTES:
- 1. MATERIALS:
EMI CAGE: STAINLESS STEEL
EMI FINGERS: COPPER ALLOY
 - 2. FINISHES:
EMI FINGERS: 0.50µM MIN NICKEL
 - 3. FOR FOOTPRINT AND ASSEMBLY INFORMATION REFER TO
SALES DRAWING: PDD 1724731111
 - 4. MOUNTING INFORMATION REFER TO
APPLICATION SPECIFICATION 1724730001
 - 5. PACKAGING SPECIFICATION: PDD 1724738000
 - 6. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC
SPECIFICATION PS-45499-002

CONFIGURATION	MATERIAL NUMBER
1X1	1724735001
1X2	1724735002
1X4	1724735004

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: EC NO: 178504 DRWN: AKOLAK 2018/06/28 CHK'D: TMCCLELLAND 2018/06/28 APPR: TMCCLELLAND 2018/06/28 INITIAL REVISION: DRWN: AKOLAK 2018/04/10 APPR: TMCCLELLAND 2018/06/27				molex IPASS ZHD RA SMT EXTERNAL CAGE SD							
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 1.0 °										PRODUCT CUSTOMER DRAWING			
4 PLACES ±															
3 PLACES ± 0.1								DOCUMENT NUMBER 1724730012		DOC TYPE PSD		DOC PART 000		REVISION A1	
2 PLACES ± 0.15															
1 PLACE ± 0.25								MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1			
0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 172473									

molex

IPASS ZHD RA SMT EXTERNAL CAGE SD

PRODUCT CUSTOMER DRAWING

1724730012

PSD

000

A1

SEE TABLE

GENERAL MARKET

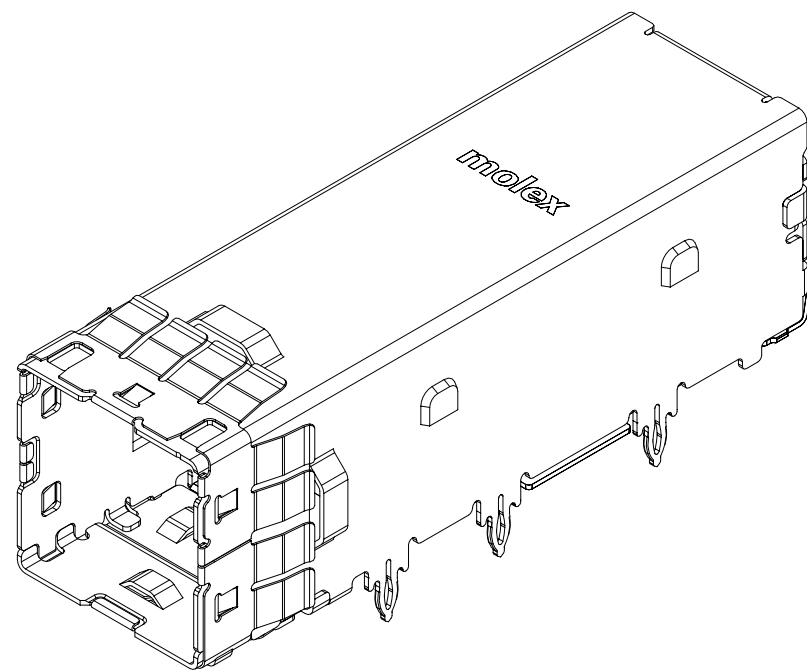
SHEET NUMBER

1 OF 1

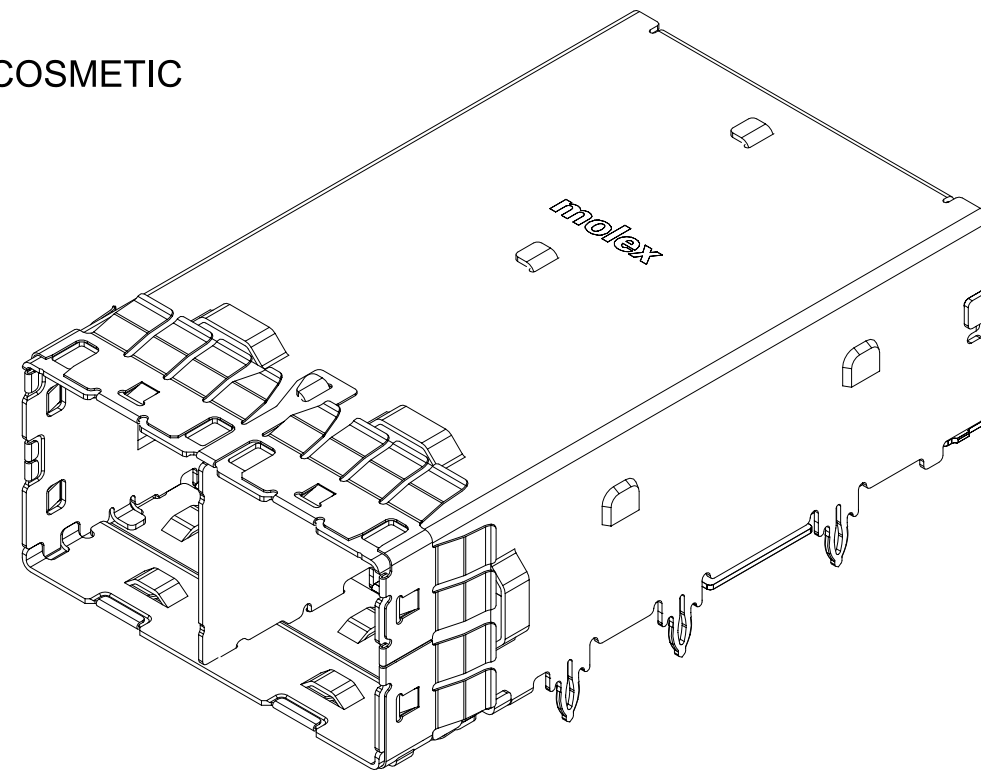
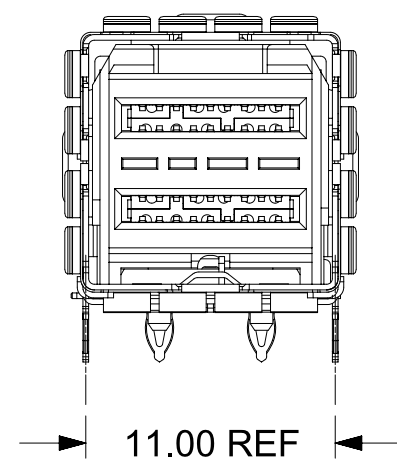
DOCUMENT STATUS	P1	RELEASE DATE	2018/06/28 19:22:27
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NOTES:

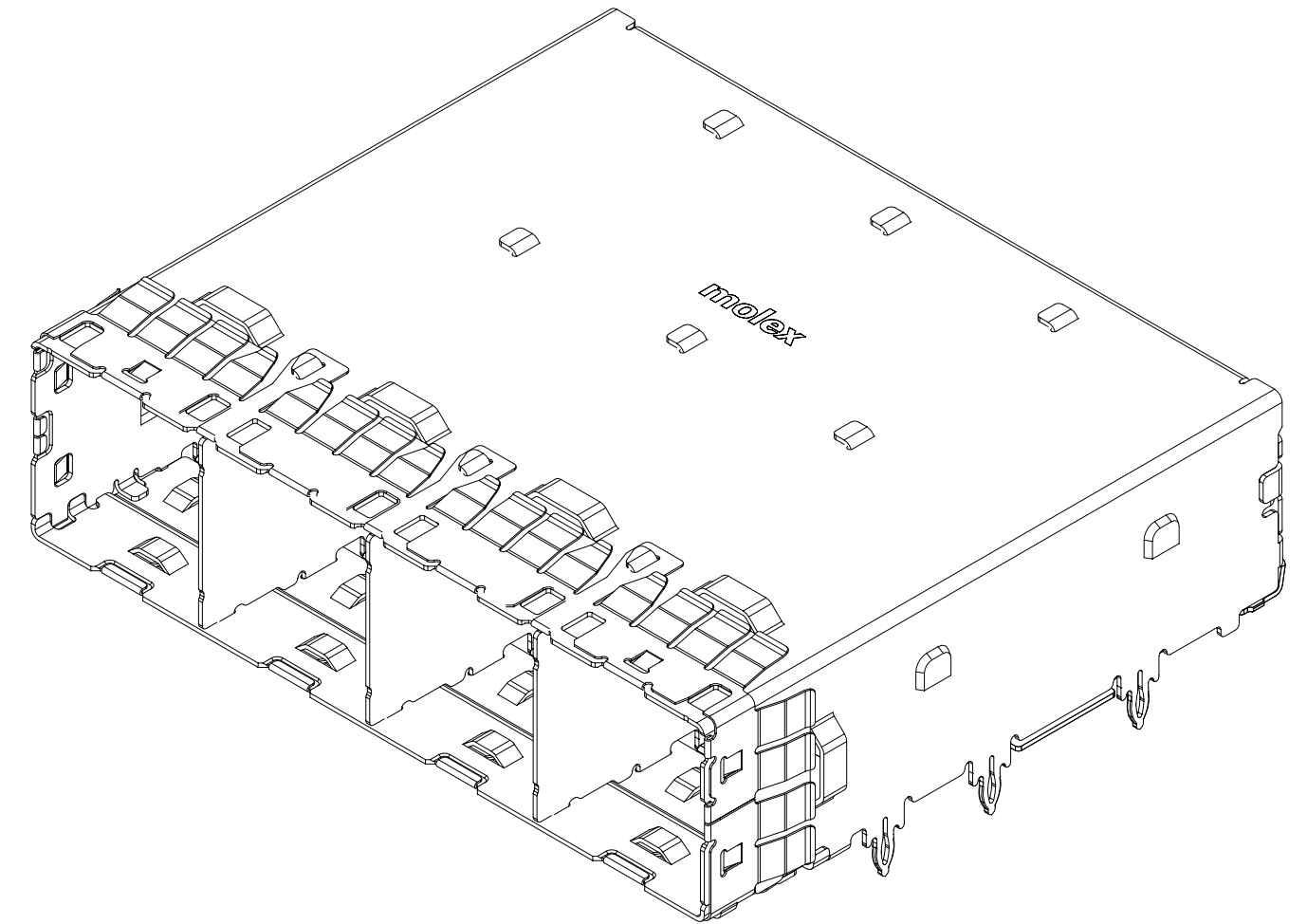
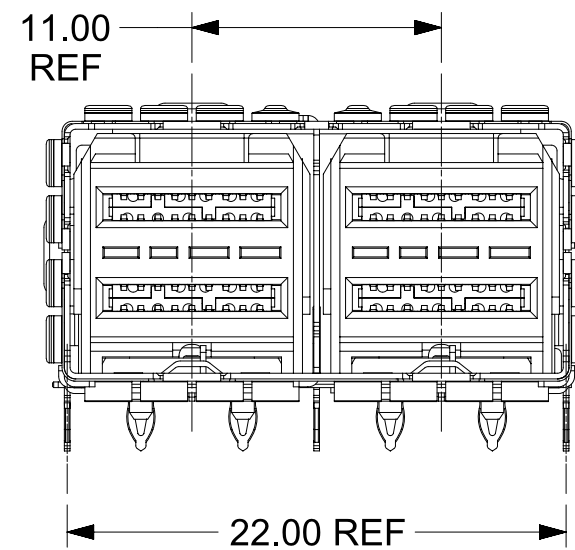
1. FOR 2 PEG CONNECTOR DETAILS REFER TO SALES DRAWING: PSD 1724736002
2. FOR 3 PEG CONNECTOR DETAILS REFER TO SALES DRAWING: PSD 1724739995
3. FOR CAGE DETAILS REFER TO SALES DRAWING: PSD 1724730012
4. PRODUCT SPECIFICATION: 1724730011
5. MOUNTING INFORMATION: REFER TO
APPLICATION SPECIFICATION: 1724730001
6. MATES WITH: MOLEX CABLE SERIES 111068, 111073, 111074, & 111075
7. PLUG MODULE PCB LAYOUT REFER TO SD-76866-9900
8. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC
SPECIFICATION PS-45499-002



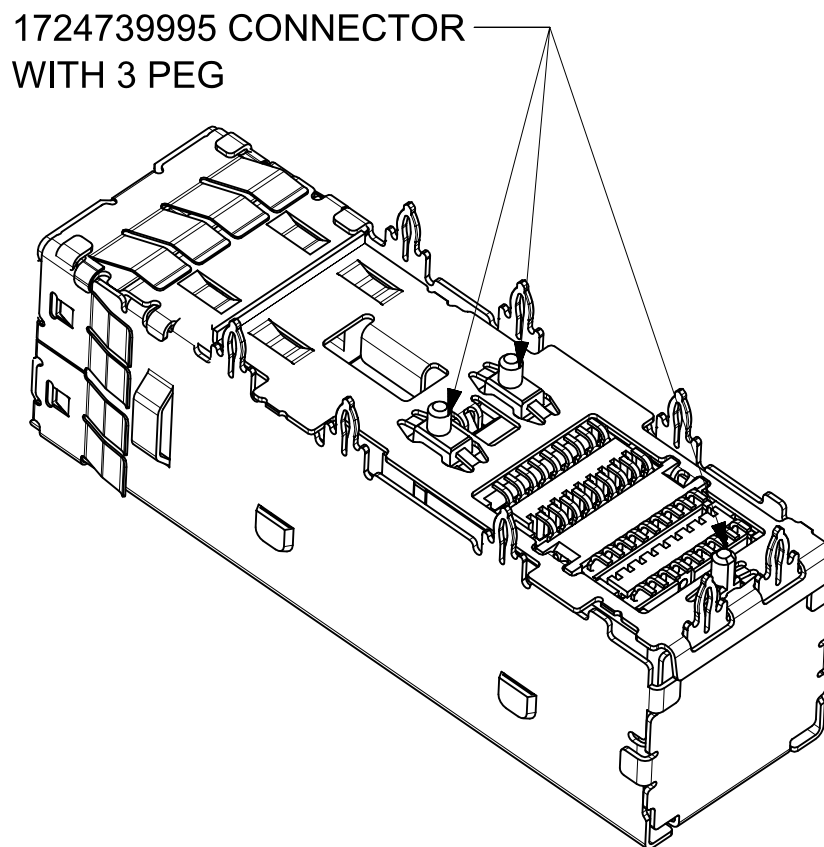
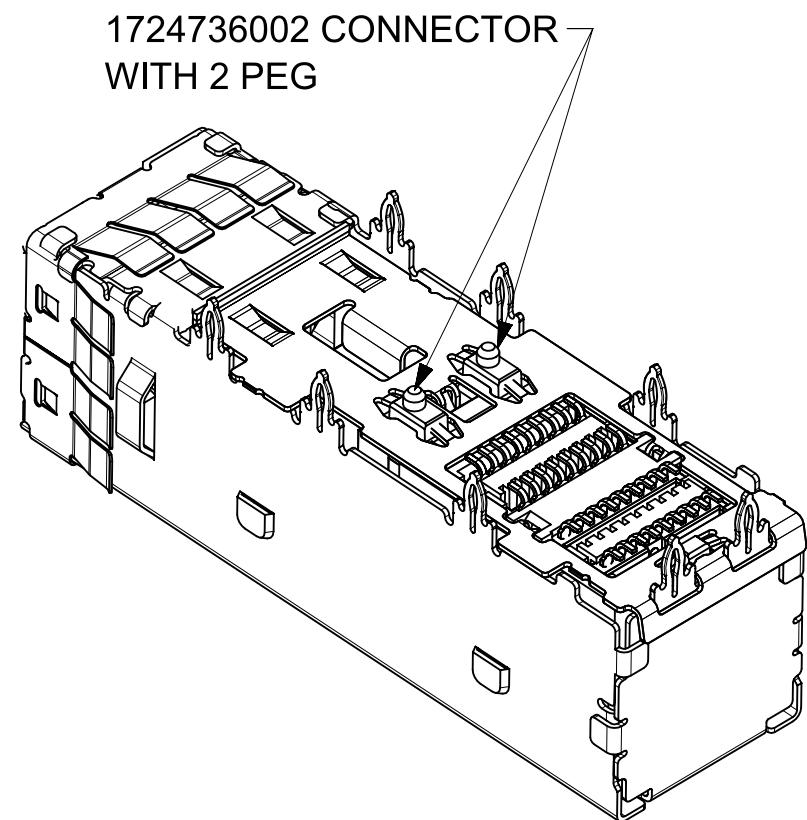
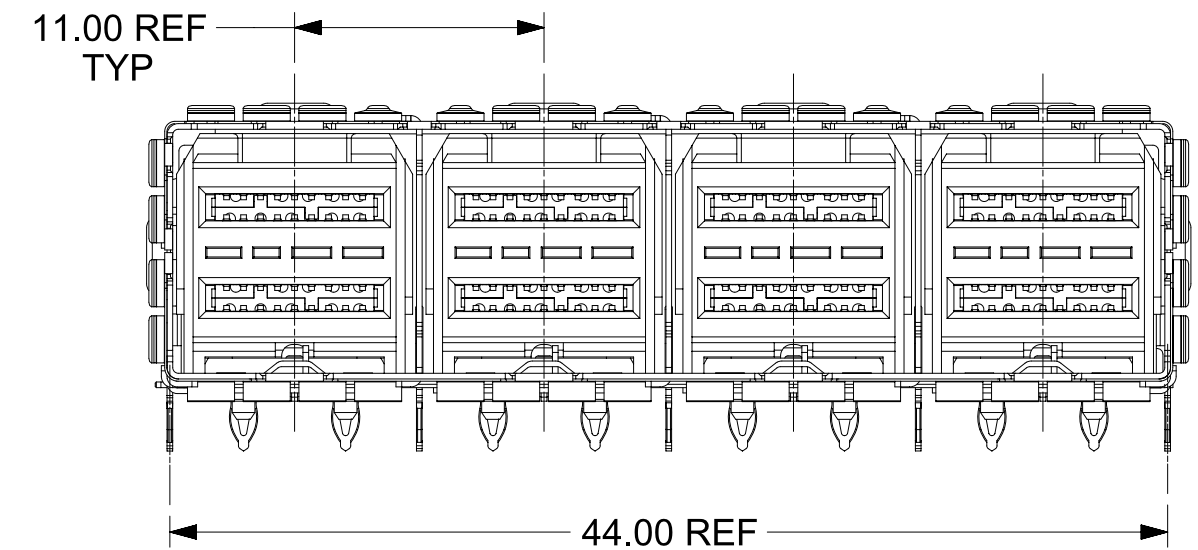
1 X 1



1 X 2

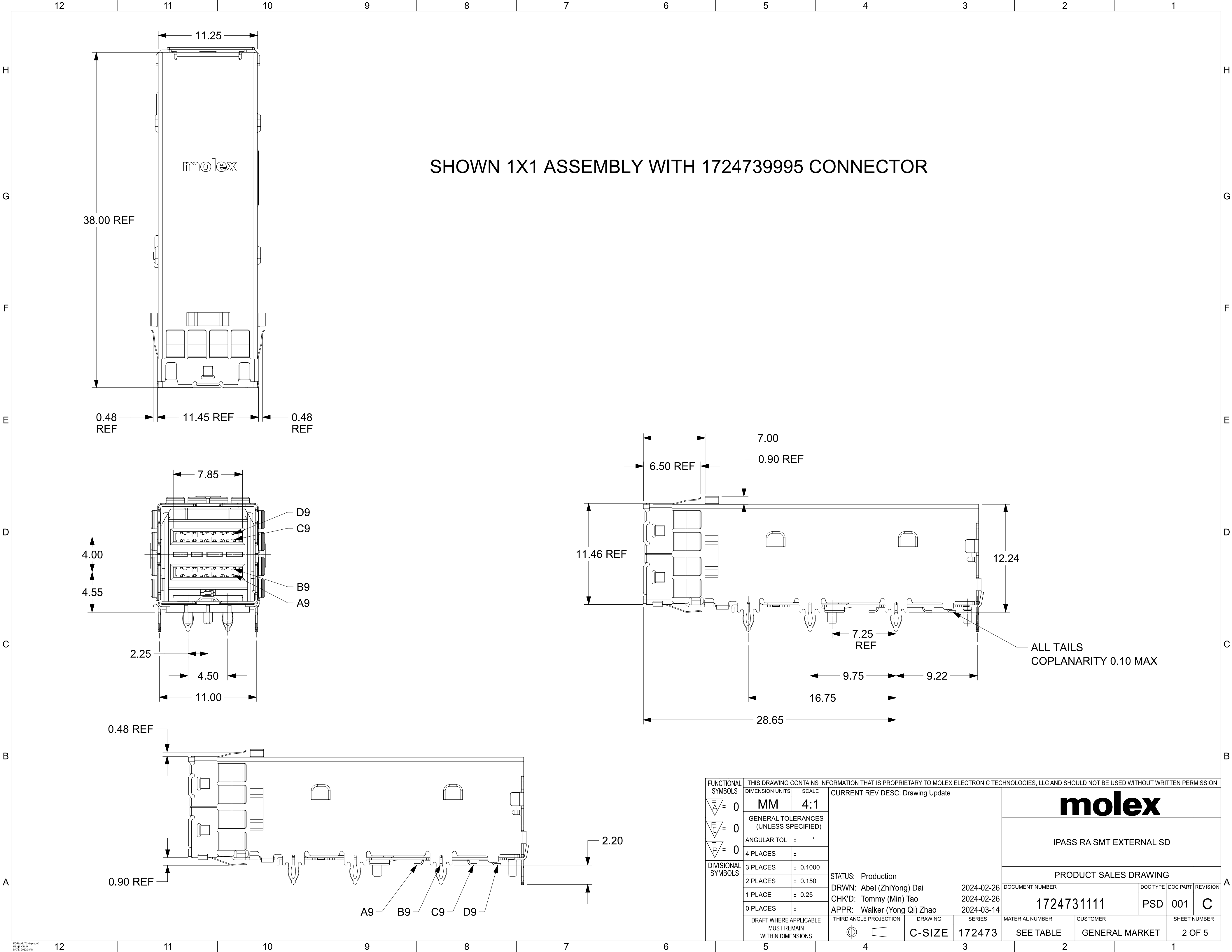


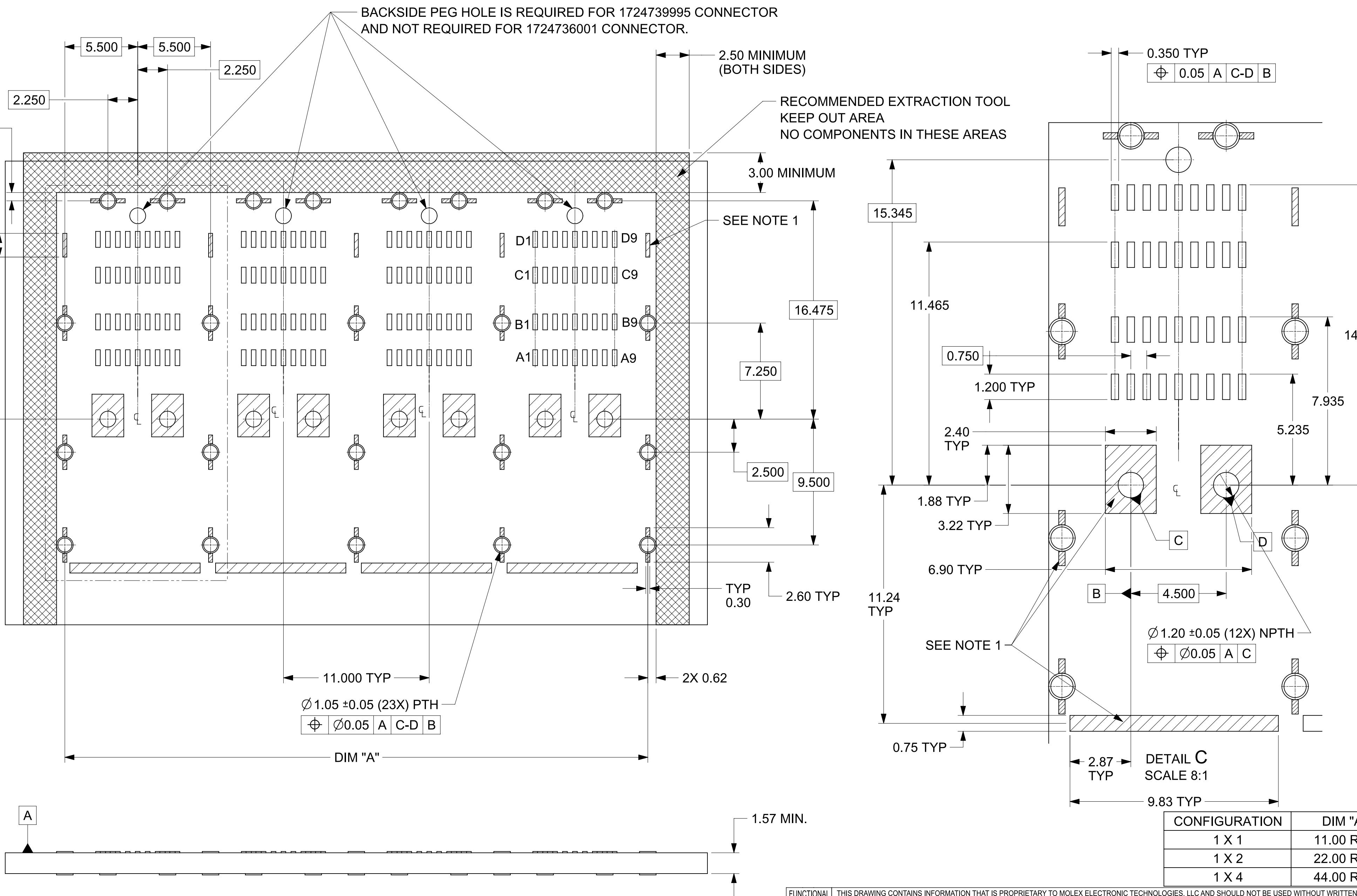
1 X 4



CONFIGURATION	MATERIAL NUMBER		
	CAGE	OPTION 1: CONNECTOR WITH 2 PEG	OPTION 2: CONNECTOR WITH 3 PEG
1 x 1	1724735001	1724736002 (1X)	1724739995 (1X)
1 x 2	1724735002	1724736002 (2X)	1724739995 (2X)
1 x 4	1724735004	1724736002 (4X)	1724739995 (4X)

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
F_A/= 0		DIMENSION UNITS MM		SCALE 3:1		CURRENT REV DESC: Drawing Update				molex			
F_C/= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)											
F_P/= 0		ANGULAR TOL ± °											
DIVISIONAL SYMBOLS		4 PLACES		±						PRODUCT SALES DRAWING			
		3 PLACES		± 0.1000									
		2 PLACES		± 0.150						DOCUMENT NUMBER 1724731111			
		1 PLACE		± 0.25									
0 PLACES		±		DOC PART 001									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION						DRAWING C-SIZE		SERIES 172473		MATERIAL NUMBER SEE TABLE	
				STATUS: Production		DRWN: Abel (ZhiYong) Dai 2024-02-26		REVISION					
				CHK'D: Tommy (Min) Tao 2024-02-26									
				APPR: Walker (Yong Qi) Zhao 2024-03-14									





SHOWN 1X4 RECOMMENDED FOOTPRINT

- NOTES:
- 1. KEEP OUT ZONE: TRACES , VIAS AND COMPONENT ARE NOT ALLOWED ON SURFACE OF PCB IN THESE AREAS;
 - 2. THE ENTIRE AREA UNDER THE CONNECTOR IS A COMPONENT KEEP OUT ZONE, THE DETAIL INFORMATION REFER TO SI ROUTING SPEC. 1724730100.

FUNCTIONAL SYMBOLS FA = 0 FE = 0 EP = 0 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
	MM	5:1
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL ± °	
	4 PLACES	±
	3 PLACES	± 0.1000
	2 PLACES	± 0.150
	1 PLACE	± 0.25
	0 PLACES	±
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
THIRD ANGLE PROJECTION		DRAWING
C-SIZE		SERIES
172473		MATERIAL NUMBER
SEE TABLE		CUSTOMER
GENERAL MARKET		SHEET NUMBER
4 OF 5		

CURRENT REV DESC: Drawing Update			
STATUS: Production			
DRWN: Abel (ZhiYong) Dai		2024-02-26	
CHK'D: Tommy (Min) Tao		2024-02-26	
APPR: Walker (Yong Qi) Zhao		2024-03-14	

PRODUCT SALES DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
1724731111		PSD	001
C			

CONFIGURATION		DIM "A"	
1 X 1		11.00 REF	
1 X 2		22.00 REF	
1 X 4		44.00 REF	

IPASS RA SMT EXTERNAL SD

DATE	VERSION	DESCRIPTION
2021/11/16	B3	1. UPDATE THE DEFINITION OF DATUM A AND DATUM B ON PCB; 2. ADDED NEW 3 PEG 1724739995 CONNECTOR INFORMATION
2022/04/12	B5	1. UPDATE TOP SURFANCE KEEP OUT AREA; 2.CANCEL REPEAT SHOWN PAGE.
2023/01/03	B6	1. REMOVED OBSOLETED PART 1724736001 2 PEG CONNECTOR.
2023/08/08	B7	1.RETRACTED 1724736001 2 PEG CONNECTOR .
20240226	C	SHEET 1: B3: CHANGE THE PN 1724736001 TO 1724736002.(BASED ON THE PCN 512565 THAT OBSOLETE THE PN 1724736001)

FUNCTIONAL SYMBOLS F A = 0 F C = 0

F

P

= 0

DIVISIONAL SYMBOLS

FORMAT: TC-000000-000000

REVISION: B

DATE: 20240226

12

11

10

9

8

7

6

5

4

3

2

1

molex

IPASS RA SMT EXTERNAL SD

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724731111	PSD	001	C