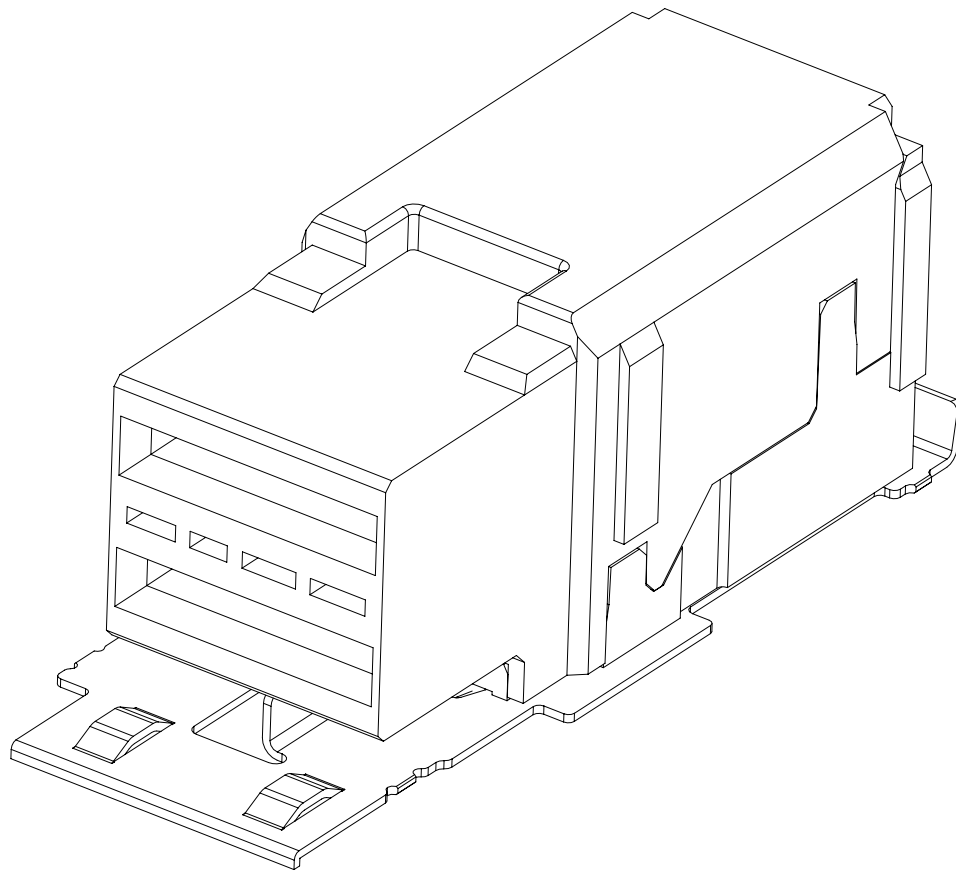
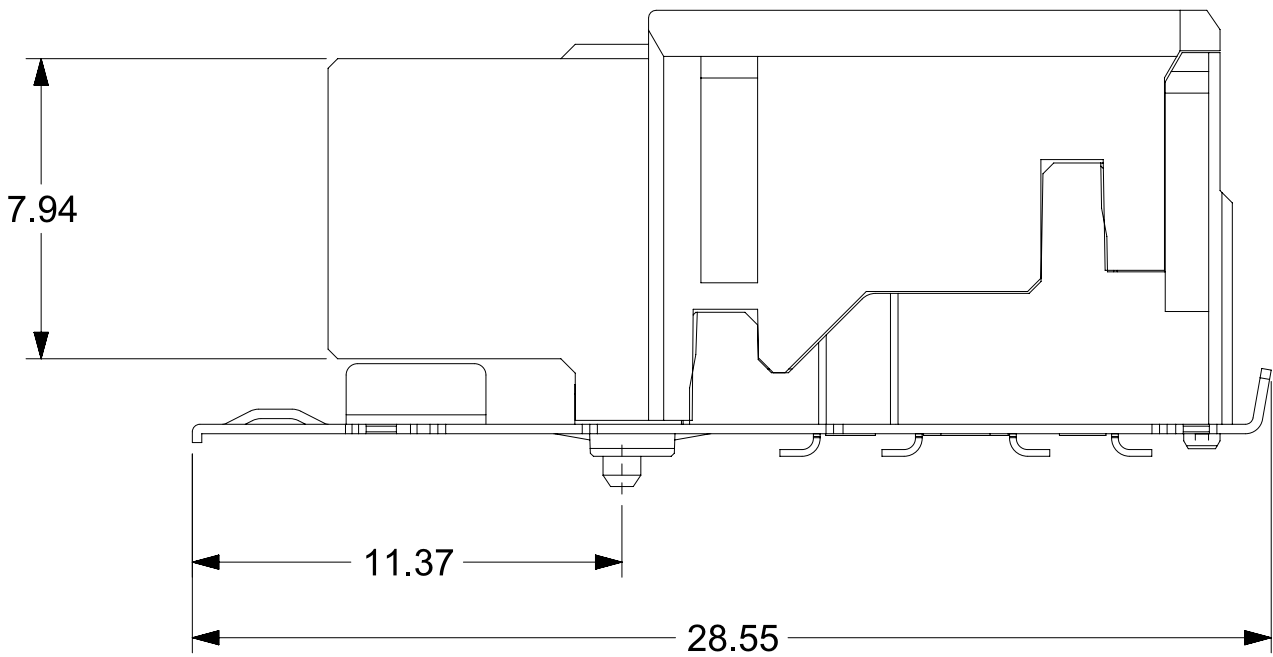
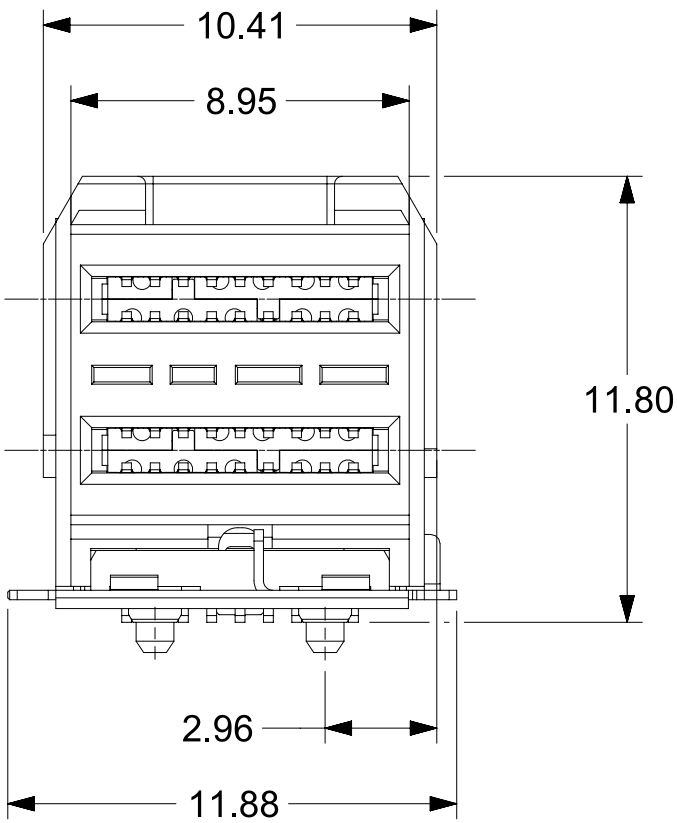




- NOTES:
- 1. MATERIALS:
 - CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
 - GLASS FILLED, UL 94V-0, BLACK
 - TERMINALS: COPPER ALLOY
 - BASE PLATE: STAINLESS STEEL
 - 2. FINISHES:
 - CONTACT AREA: 0.76 μ M MIN GOLD OVER 3.81 μ M MIN NICKEL
 - SMT TAIL: 0.075 μ M MIN GOLD OVER NICKEL
 - 3. PRODUCT SPECIFICATION: 1724730011
 - 4. PACKAGING SPECIFICATION: PDD 1724737000
 - 5. FOR FOOTPRINT AND ASSEMBLY APPLICATION INFORMATION
REFER TO SALES DRAWING: PSD 1724731111
 - 6. MOUNTING INFORMATION REFER TO
APPLICATION SPECIFICATION: 1724730001
 - 7. THIS PART CONFORMS TO CLASS C REQUIREMENTS OF MOLEX COSMETIC
SPECIFICATION PS-45499-002

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
= 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: RETRACTED PART NUMBER AS PER SFC#577948.															
	mm		5:1																	
	GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL ± 2°																				
DIVISIONAL SYMBOLS	4 PLACES		±		STATUS: Production DRWN: LIKITH V 2023-08-30 CHK'D: Ganesh Rao B 2023-09-01 APPR: Gurunandan GA 2023-09-01															
	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		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						C-SIZE		172473		1724736001		GENERAL MARKET		1 OF 1						
molex IPASS ZHD RA SMT EXTERNAL MODULE SD PRODUCT SALES DRAWING DOCUMENT NUMBER 1724730011 DOC TYPE PSD DOC PART 000 REVISION C																				

molex

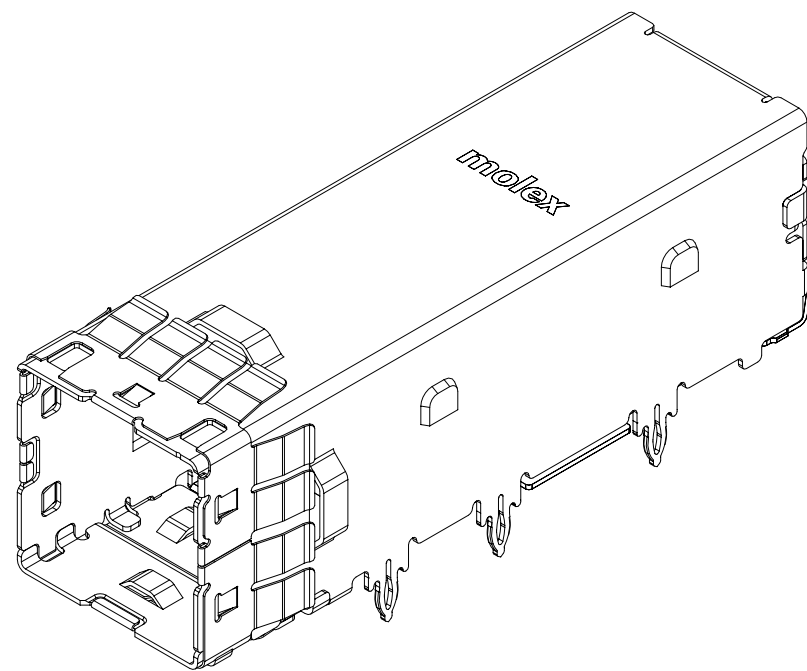
IPASS ZHD RA SMT EXTERNAL MODULE SD

PRODUCT SALES DRAWING

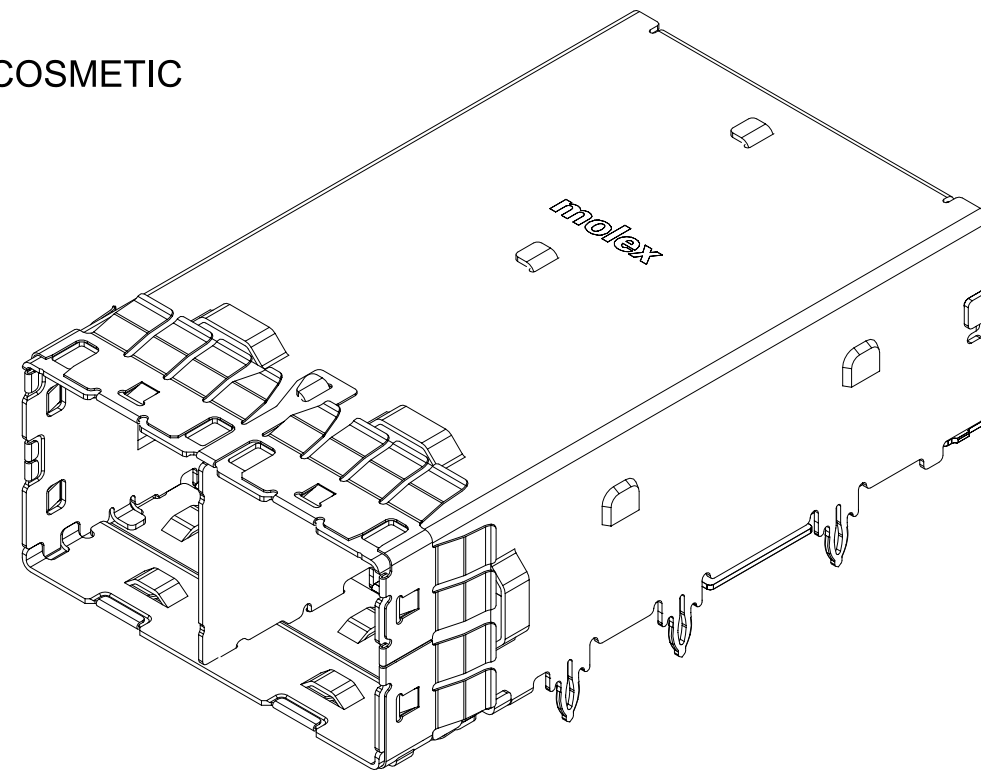
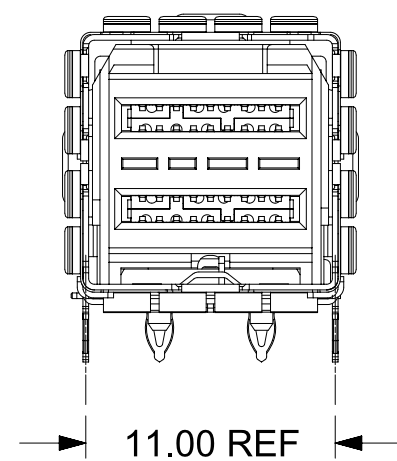
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1724730011	PSD	000	C

NOTES:

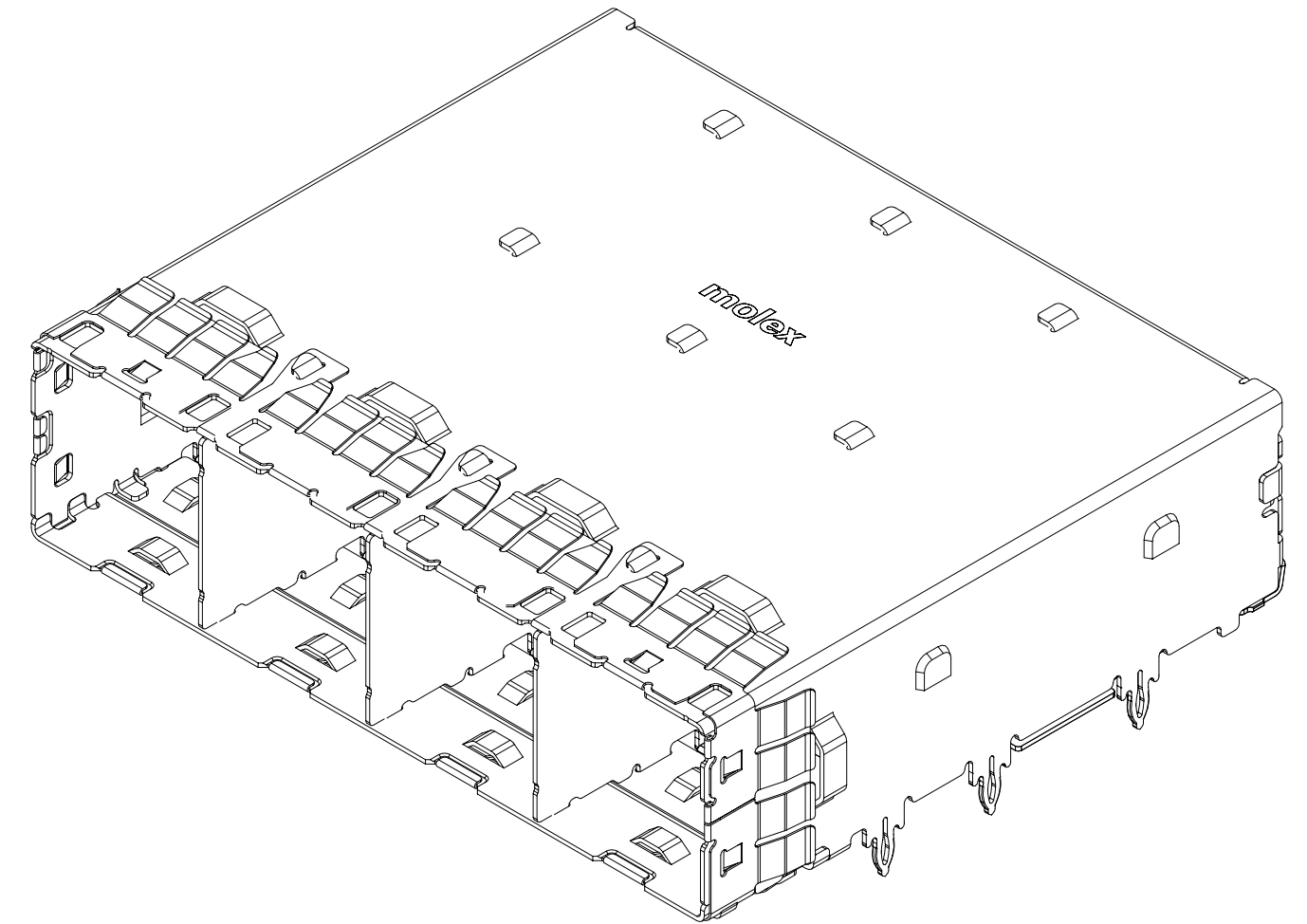
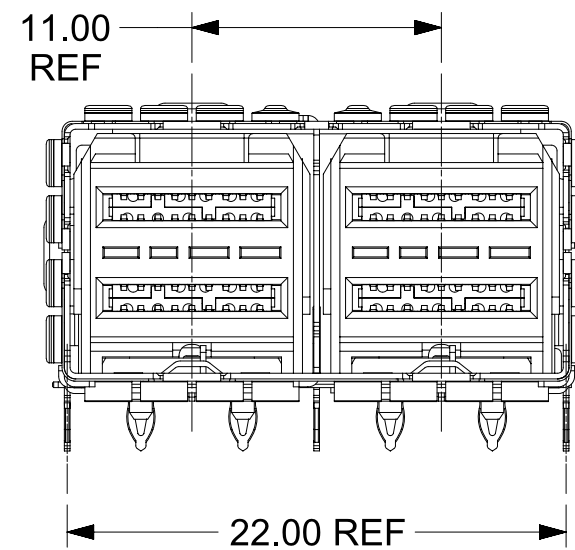
1. FOR 2 PEG CONNECTOR DETAILS REFER TO SALES DRAWING: PSD 1724736002
2. FOR 3 PEG CONNECTOR DETAILS REFER TO SALES DRAWING: PSD 1724739995
3. FOR CAGE DETAILS REFER TO SALES DRAWING: PSD 1724730012
4. PRODUCT SPECIFICATION: 1724730011
5. MOUNTING INFORMATION: REFER TO
APPLICATION SPECIFICATION: 1724730001
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



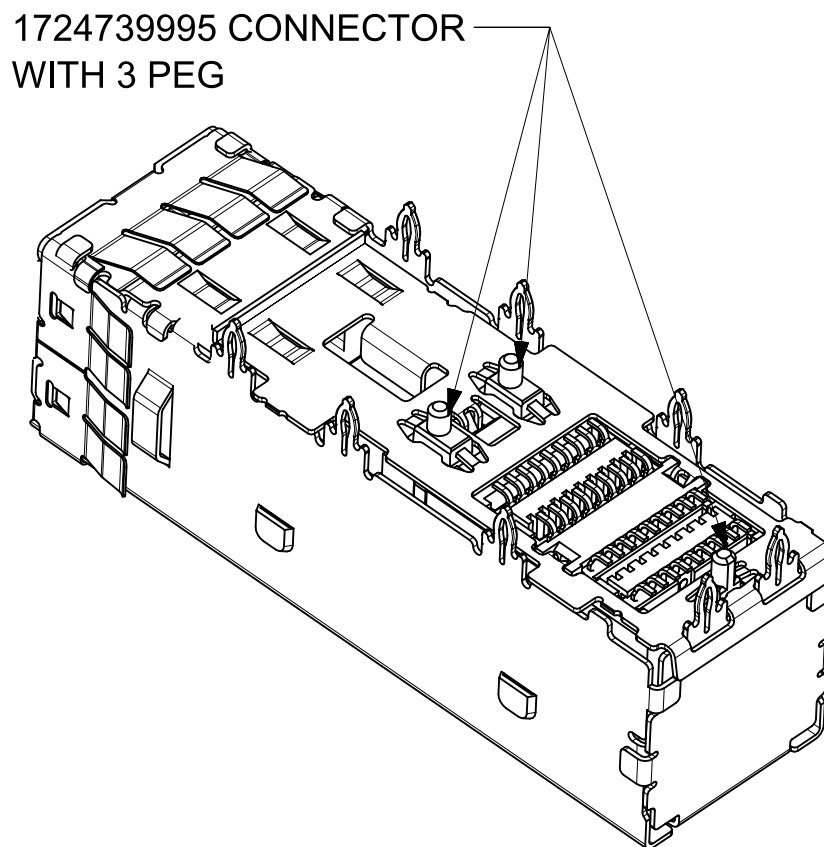
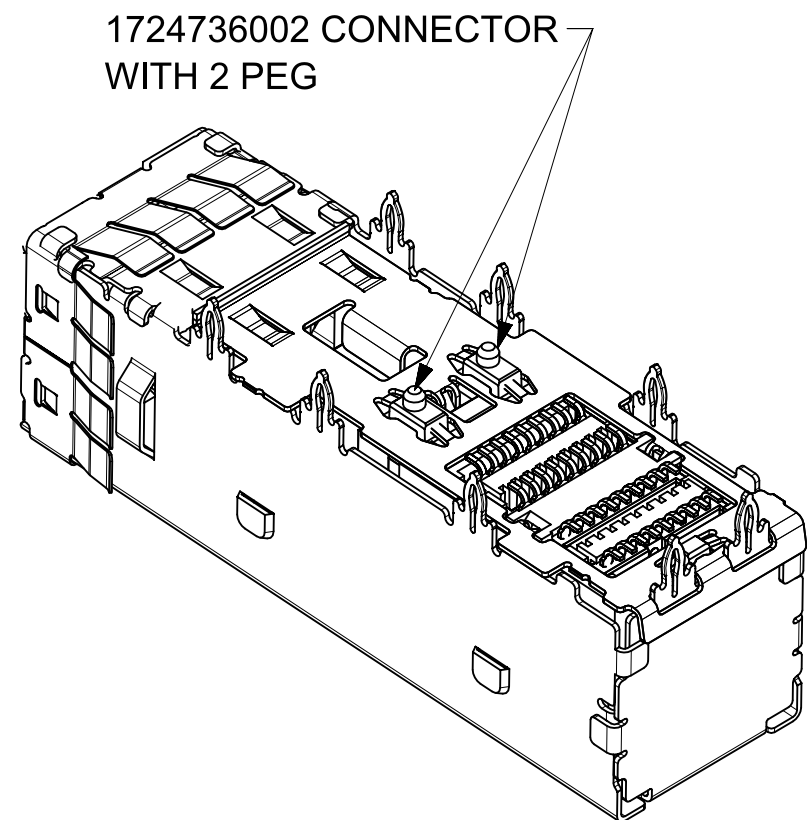
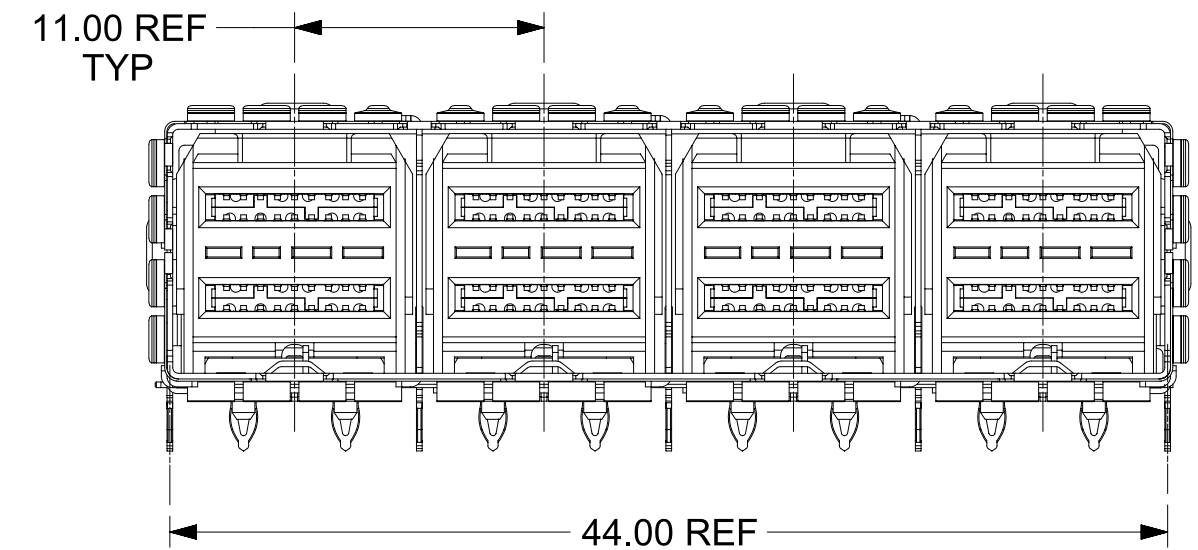
1 X 1



1 X 2

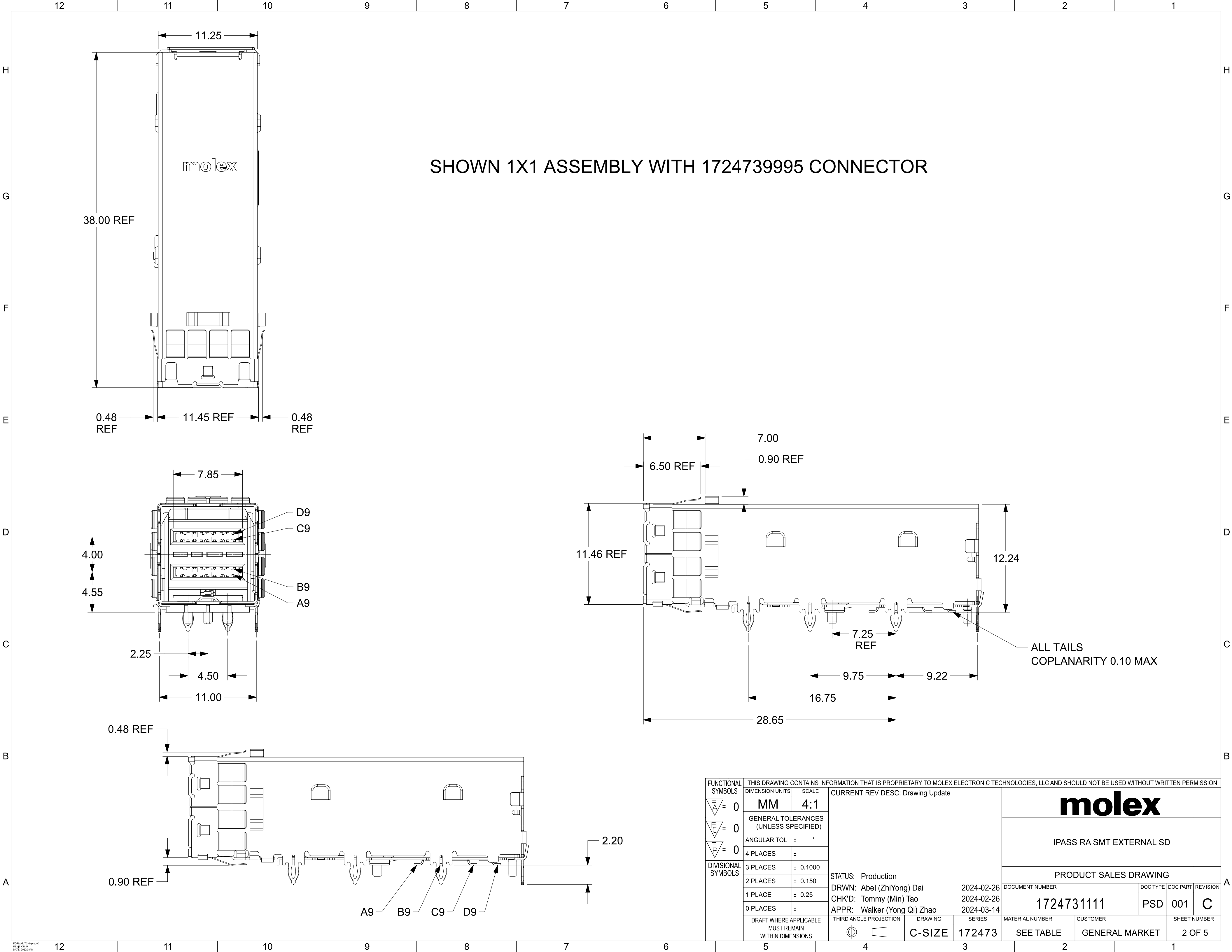


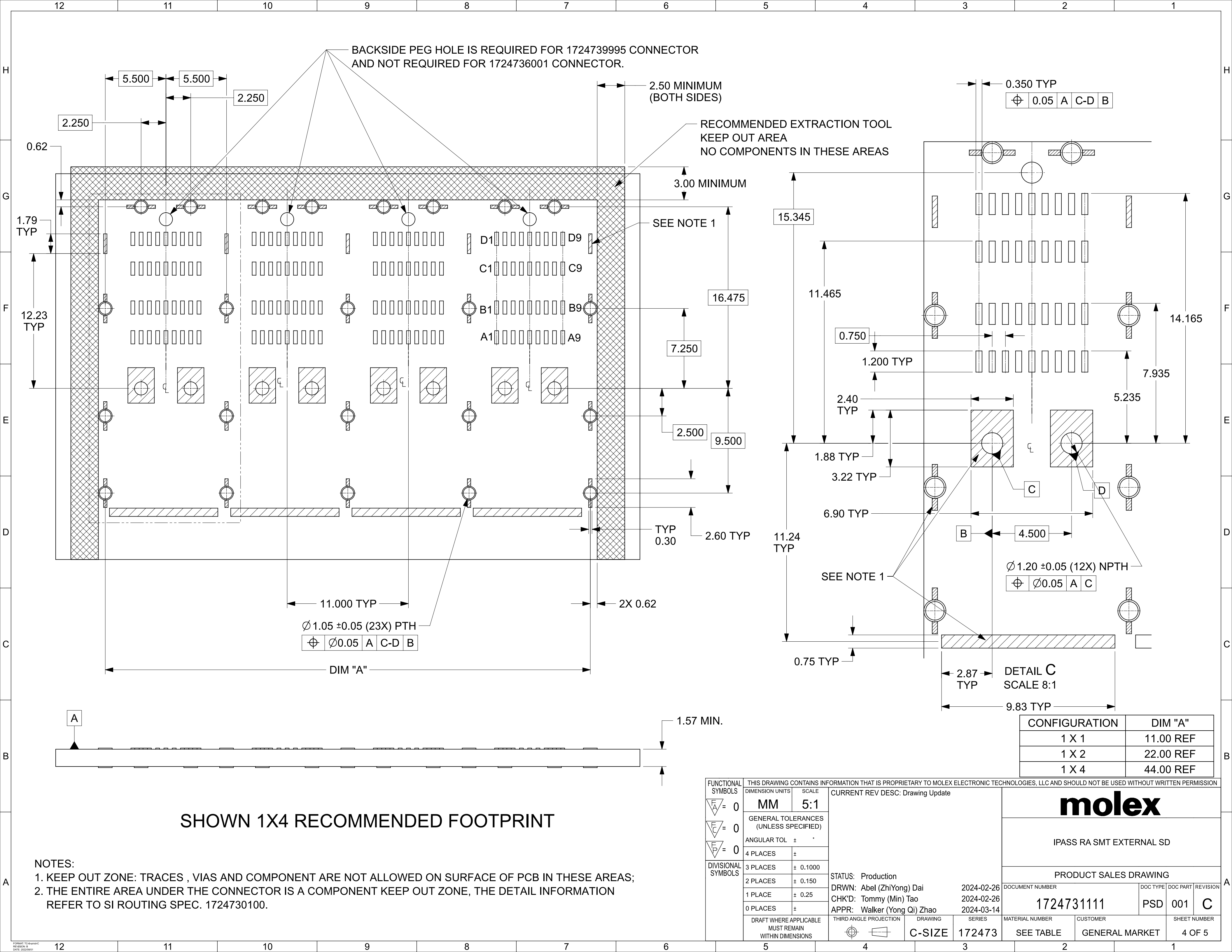
1 X 4



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											
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: Drawing Update			molex					
	MM		3:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± °							IPASS RA SMT EXTERNAL SD					
	4 PLACES		±										
	3 PLACES		± 0.1000										
	2 PLACES		± 0.150					PRODUCT SALES DRAWING					
	1 PLACE		± 0.25										
0 PLACES		±		DRWN: Abel (ZhiYong) Dai 2024-02-26		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
		CHK'D: Tommy (Min) Tao 2024-02-26		1724731111		PSD	001	C					
		APPR: Walker (Yong Qi) Zhao 2024-03-14											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		172473		SEE TABLE		GENERAL MARKET		1 OF 5	





BACKSIDE PEG HOLE IS REQUIRED FOR 1724739995 CONNECTOR
AND NOT REQUIRED FOR 1724736001 CONNECTOR.

2.50 MINIMUM
(BOTH SIDES)

RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS

3.00 MINIMUM

SEE NOTE 1

16.475

7.250

2.500

9.500

TYP
0.30

2.60 TYP

1.57 MIN.

0.350 TYP

⌀ 0.05 A C-D B

14.165

7.935

5.235

0.750

1.200 TYP

2.40
TYP

1.88 TYP

3.22 TYP

6.90 TYP

SEE NOTE 1

0.75 TYP

⌀ 1.20 ±0.05 (12X) NPTH

⌀ 0.05 A C

DETAIL C
SCALE 8:1

CONFIGURATION

DIM "A"

1 X 1 11.00 REF

1 X 2 22.00 REF

1 X 4 44.00 REF

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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
F/A = 0 F/C = 0 F/P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: Drawing Update			molex			
	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		±									
STATUS: Production DRWN: Abel (ZhiYong) Dai											

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 E = 0 F P = 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		CURRENT REV DESC: Drawing Update					molex IPASS RA SMT EXTERNAL SD						
	MM		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± °									PRODUCT SALES DRAWING DOCUMENT NUMBER 1724731111 DOC TYPE PSD DOC PART 001 REVISION C						
	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 5 OF 5	
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																