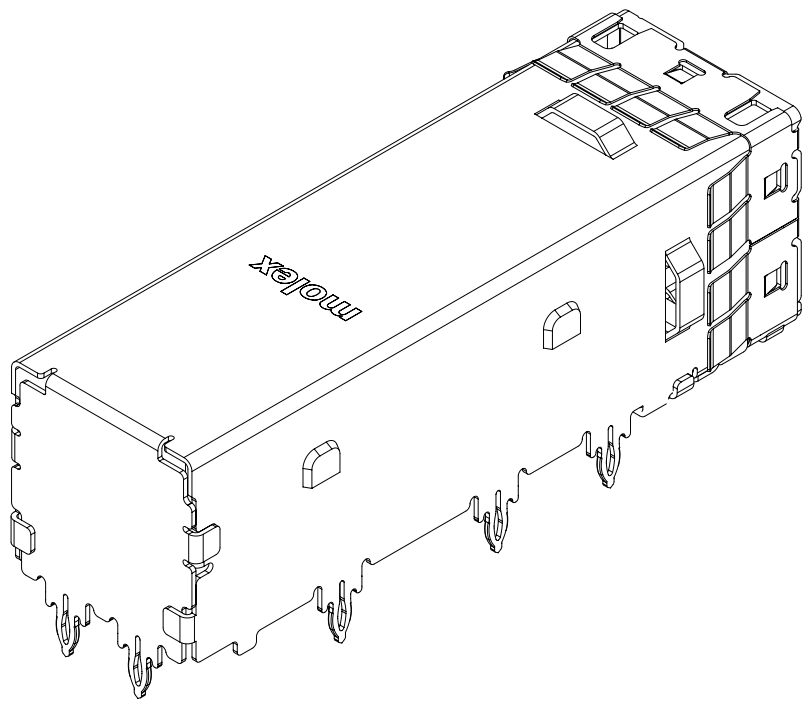
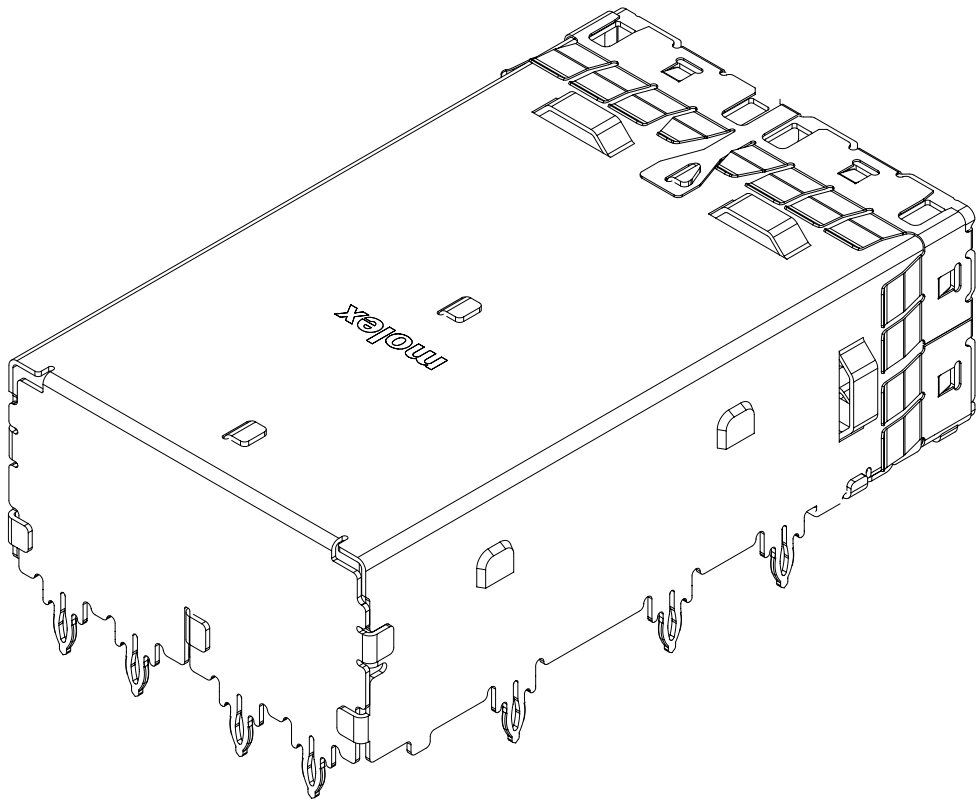
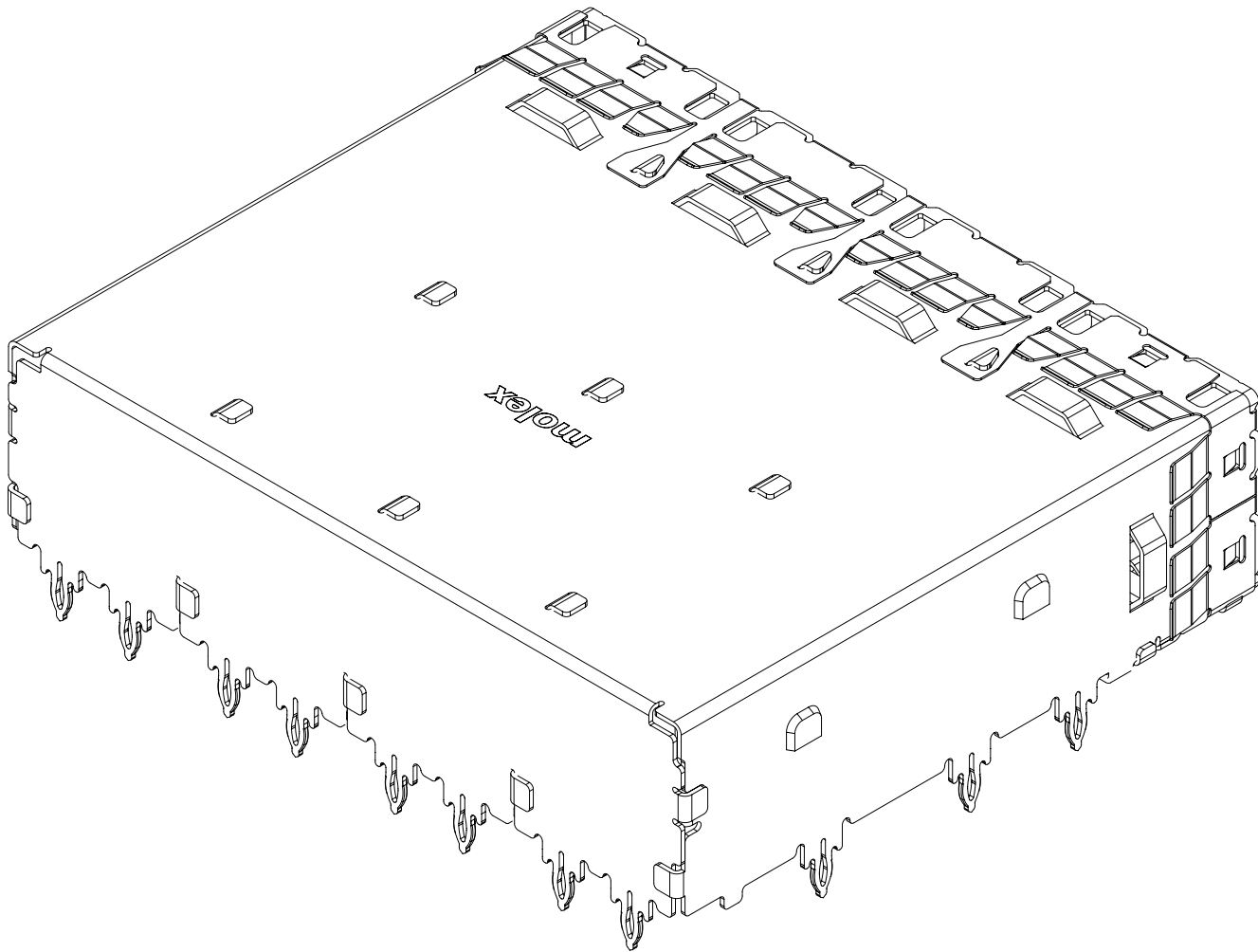




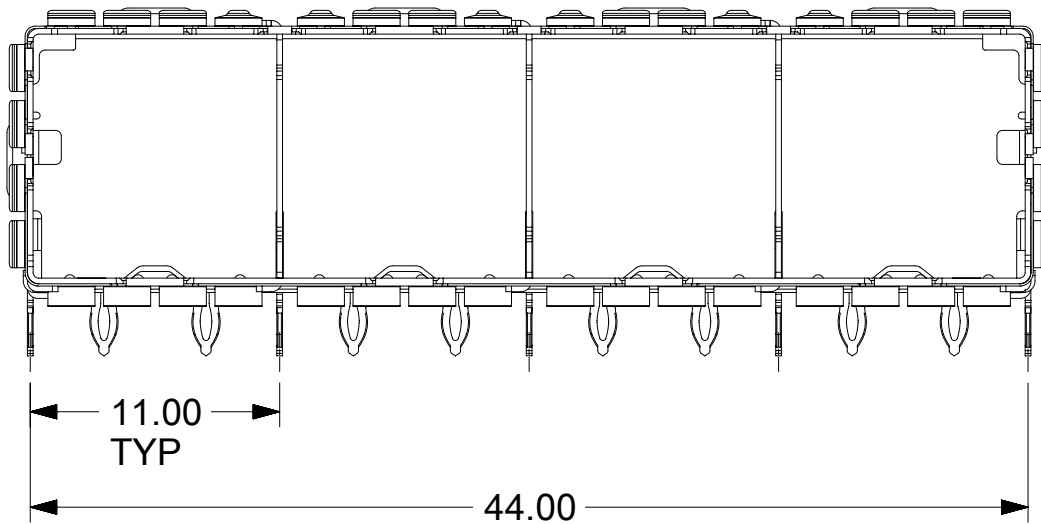
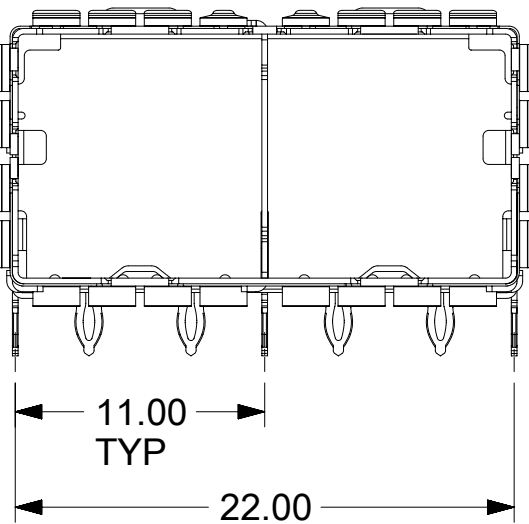
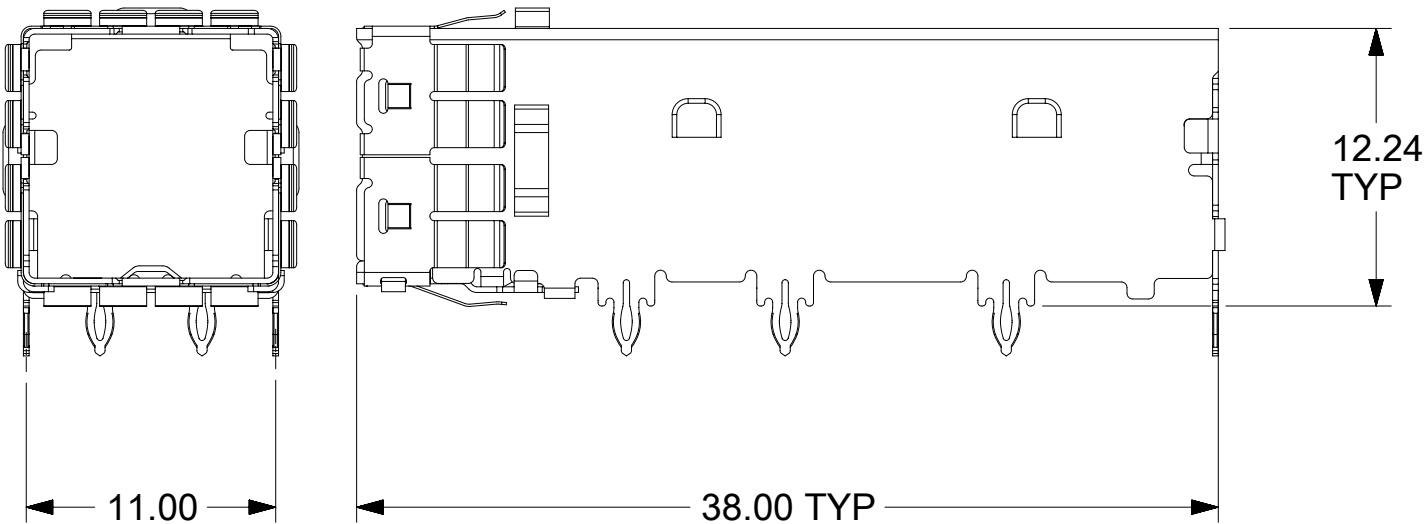
1X1



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

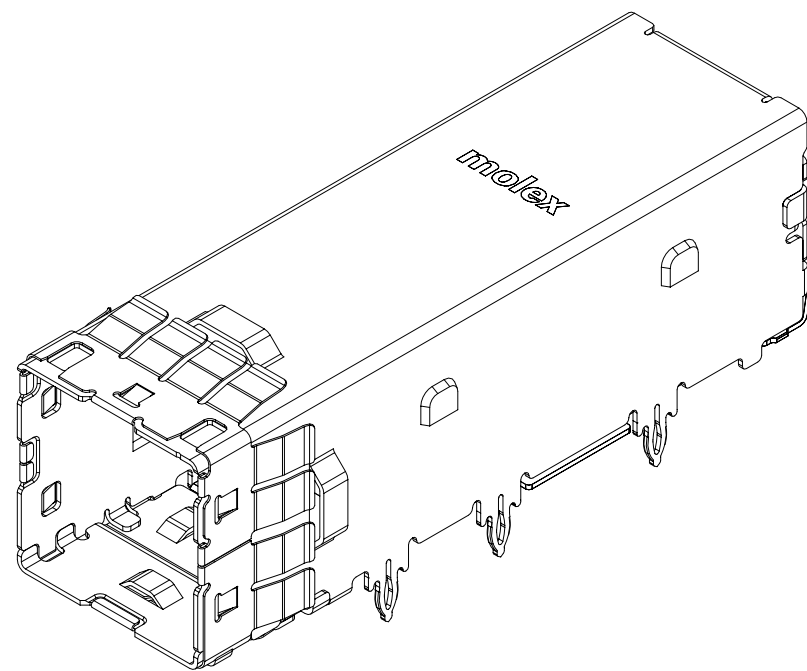
| CONFIGURATION | MATERIAL NUMBER |
|---------------|-----------------|
| 1X1           | 1724735001      |
| 1X2           | 1724735002      |
| 1X4           | 1724735004      |

| SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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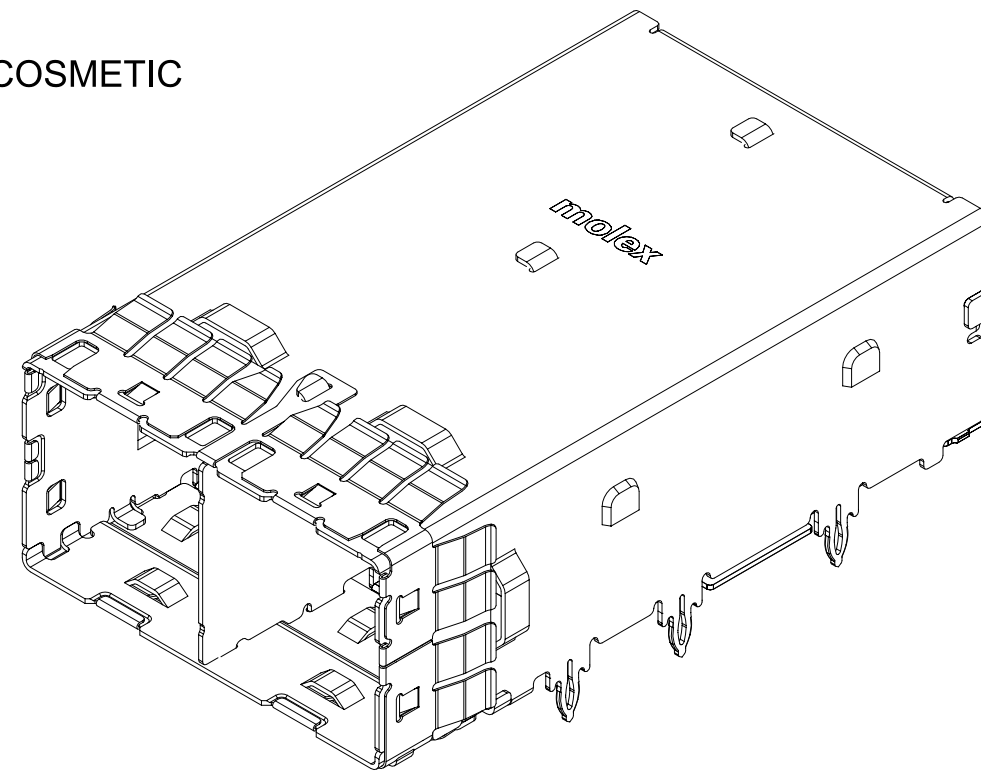
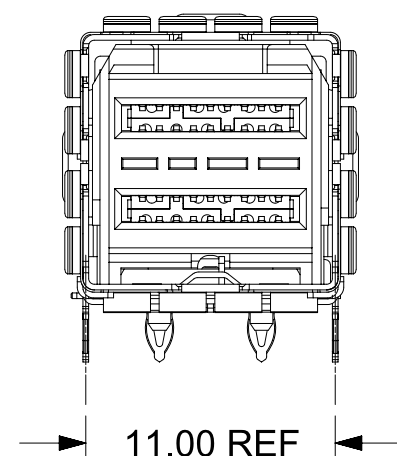
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/06/28 19:22:27 |
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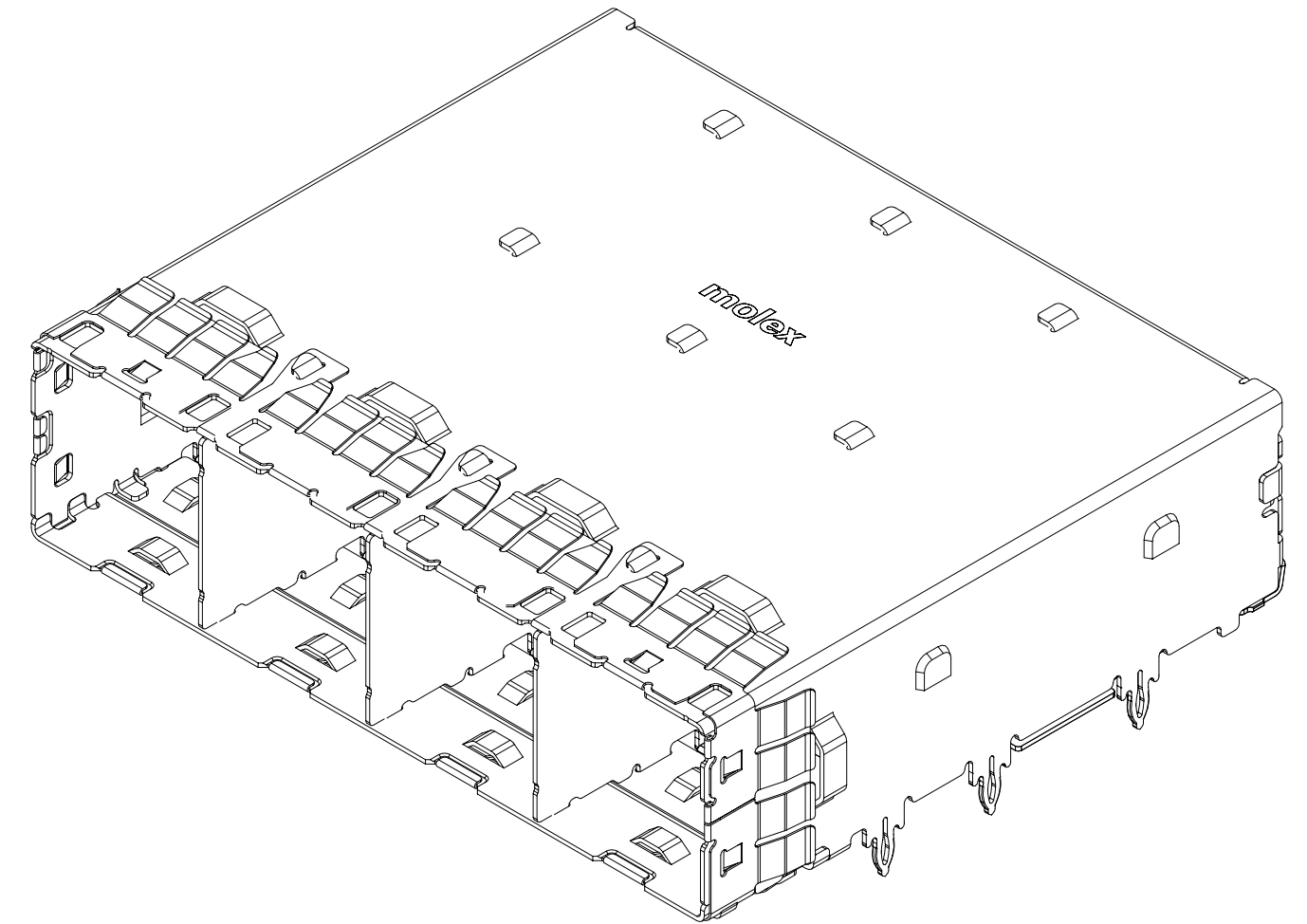
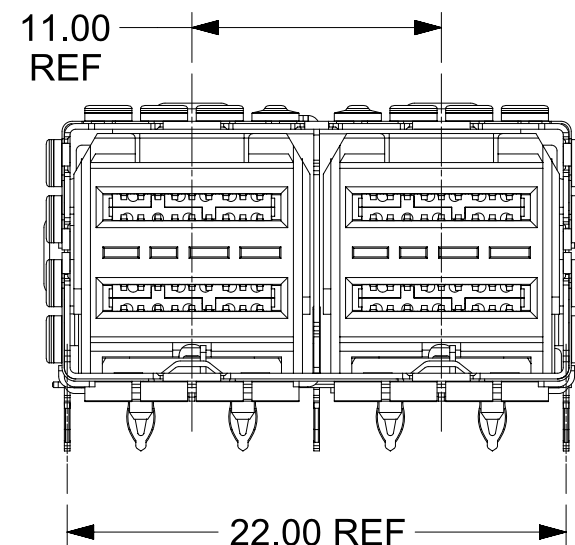
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2. FOR 3 PEG CONNECTOR DETAILS REFER TO SALES DRAWING: PSD 1724739995
3. FOR CAGE DETAILS REFER TO SALES DRAWING: PSD 1724730012
4. PRODUCT SPECIFICATION: 1724730011
5. MOUNTING INFORMATION: REFER TO  
APPLICATION SPECIFICATION: 1724730001
6. MATES 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



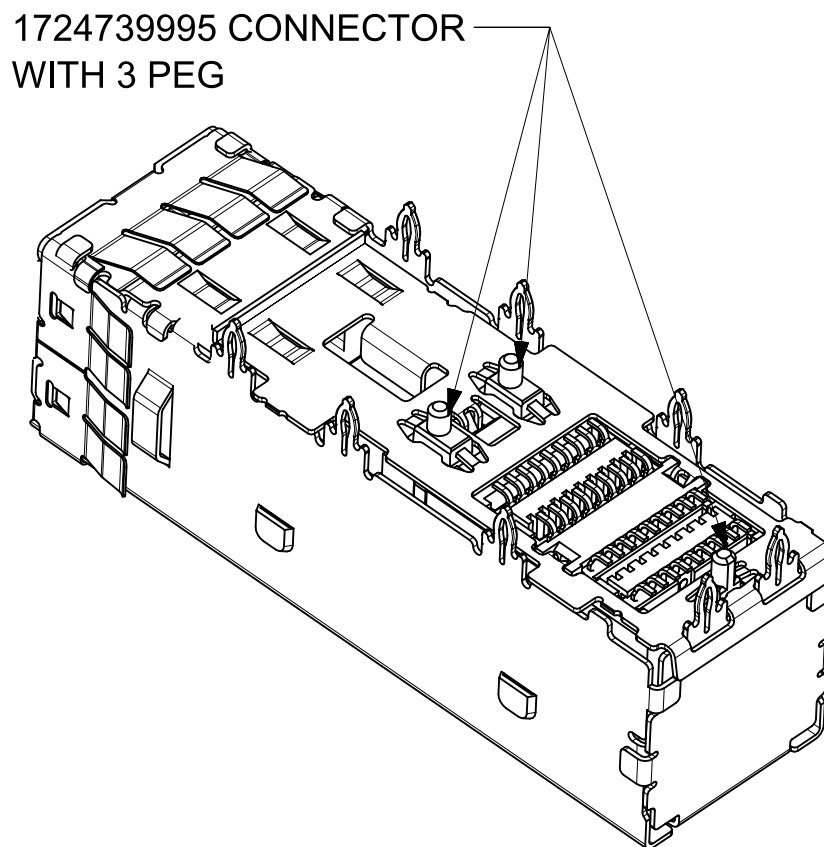
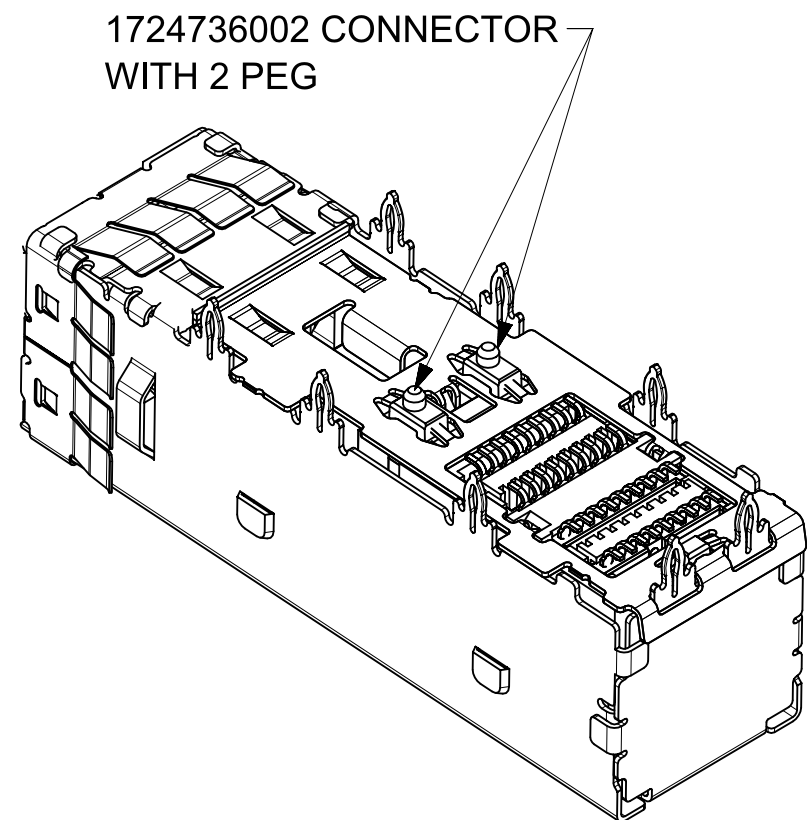
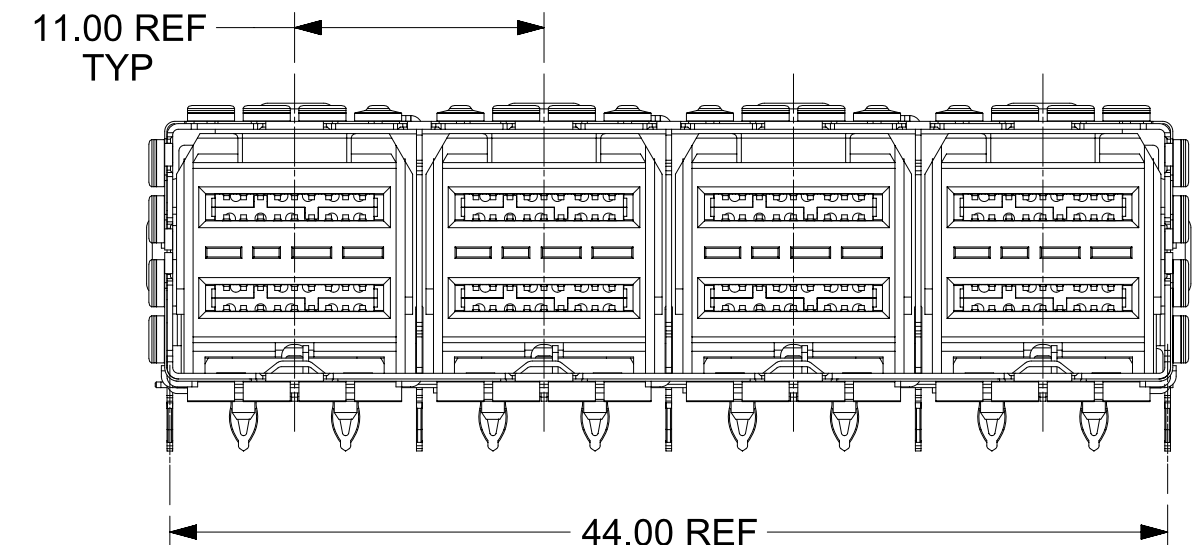
1 X 1



1 X 2

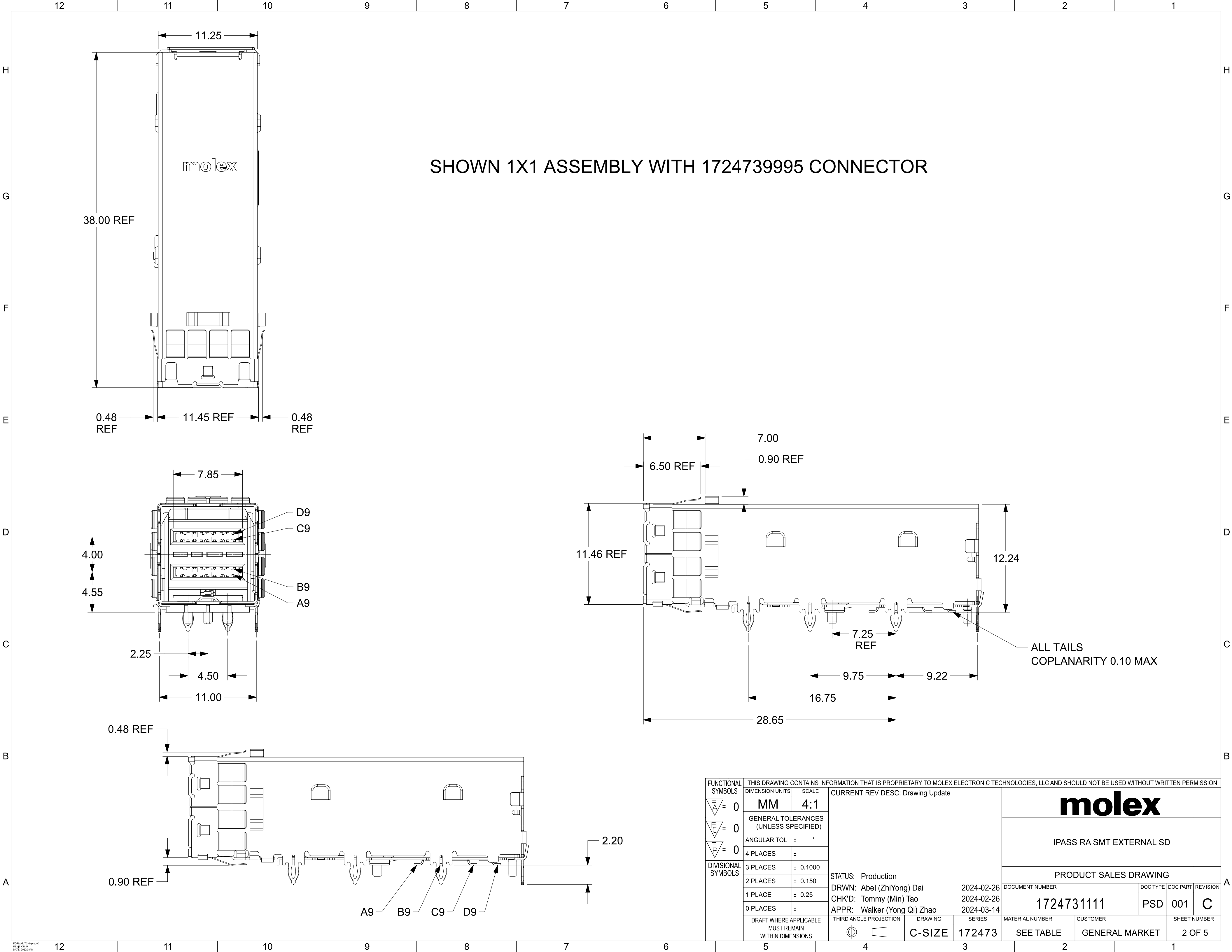


1 X 4

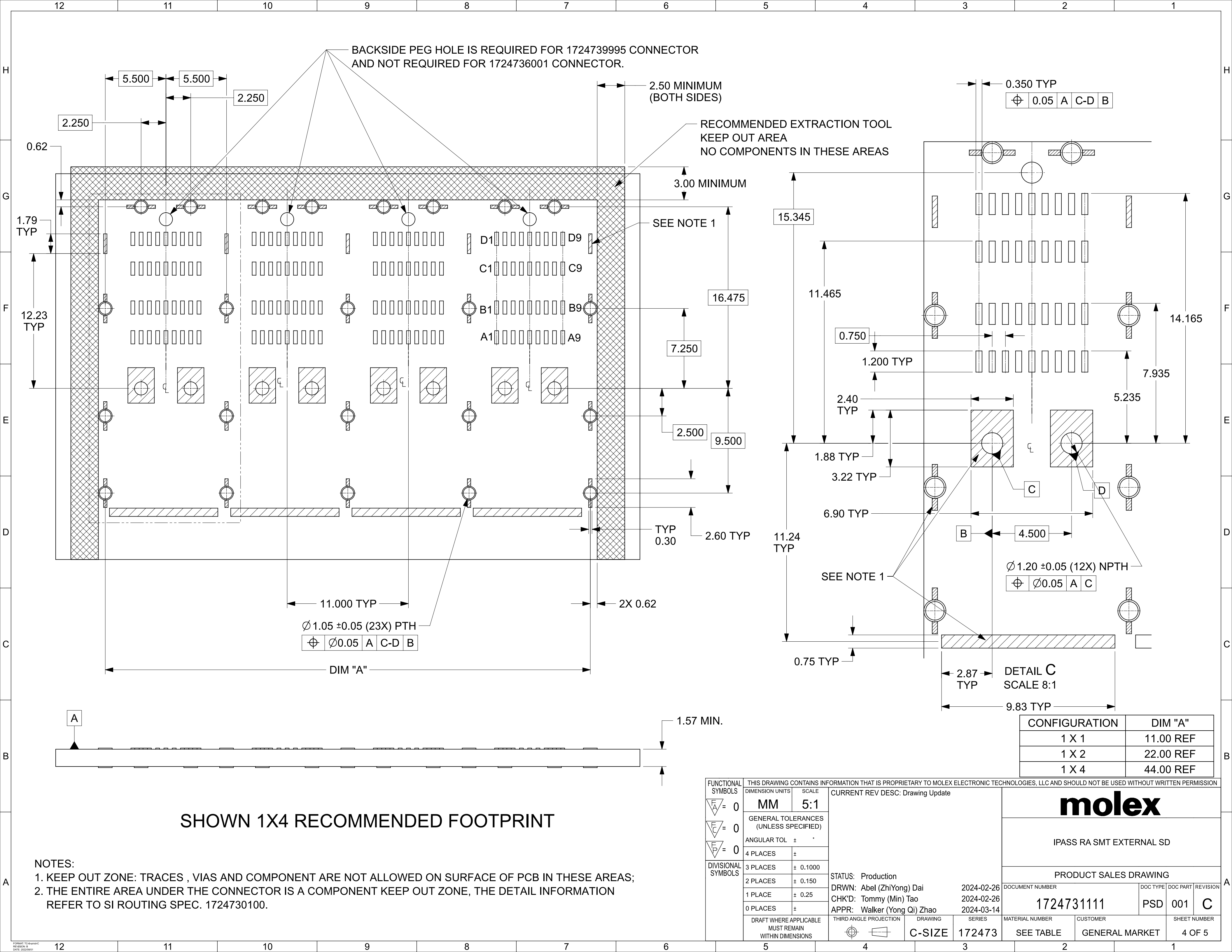


| CONFIGURATION | MATERIAL NUMBER |                                      |                                      |
|---------------|-----------------|--------------------------------------|--------------------------------------|
|               | CAGE            | OPTION 1:<br>CONNECTOR<br>WITH 2 PEG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







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

Ø 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

**molex**

IPASS RA SMT EXTERNAL SD

PRODUCT SALES DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

1724731111

PSD

001

C

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE TABLE

GENERAL MARKET

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

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

C-SIZE

172473

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.

SHOWN 1X4 RECOMMENDED FOOTPRINT

| DATE       | VERSION | DESCRIPTION                                                                                                    |
|------------|---------|----------------------------------------------------------------------------------------------------------------|
| 2021/11/16 | B3      | 1. UPDATE THE DEFINITION OF DATUM A AND DATUM B ON PCB;<br>2. ADDED NEW 3 PEG 1724739995 CONNECTOR INFORMATION |
| 2022/04/12 | B5      | 1. UPDATE TOP SURFANCE KEEP OUT AREA;<br>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)  |

|                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>FUNCTIONAL SYMBOLS</div> <div><div><div><div>F</div><div>A</div></div></div><div>= 0</div></div> <div><div><div>F</div><div>C</div></div></div> <div>= 0</div> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

F

P

= 0

DIVISIONAL SYMBOLS

FORMAT: TC-02-004-03C  
REVISION: B  
DATE: 02/27/2021

12

11

10

9

8

7

6

5

4

3

2

1