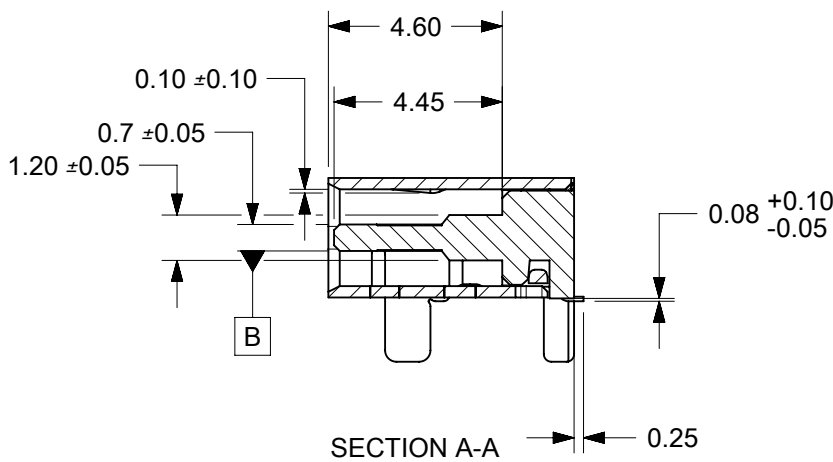
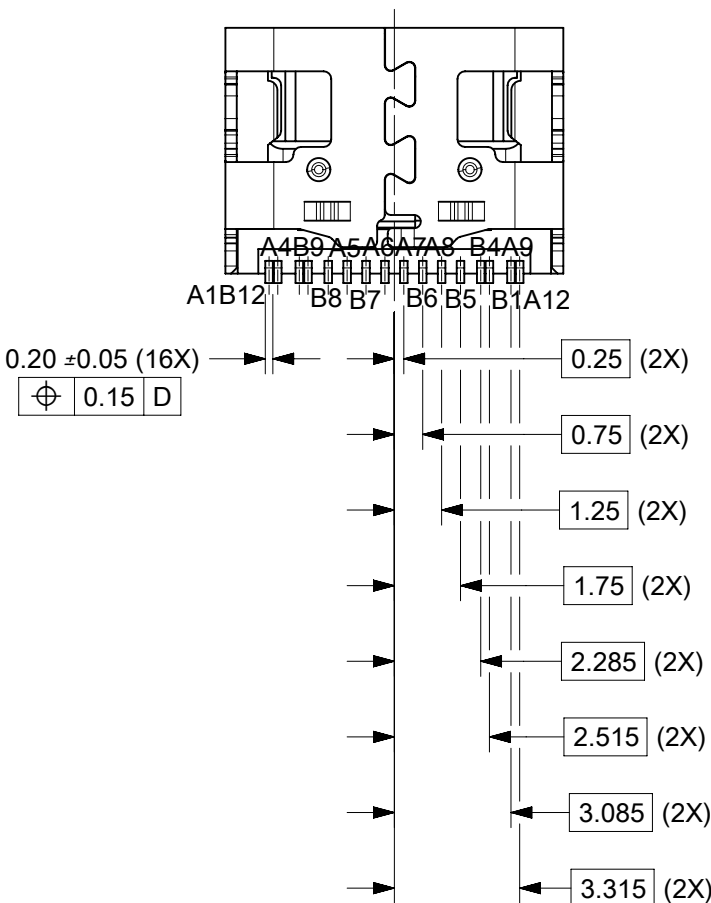
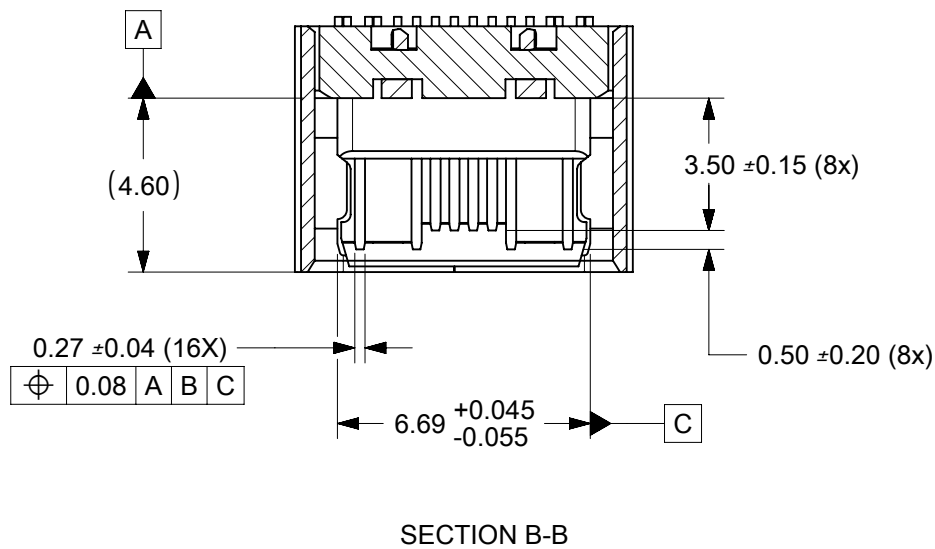
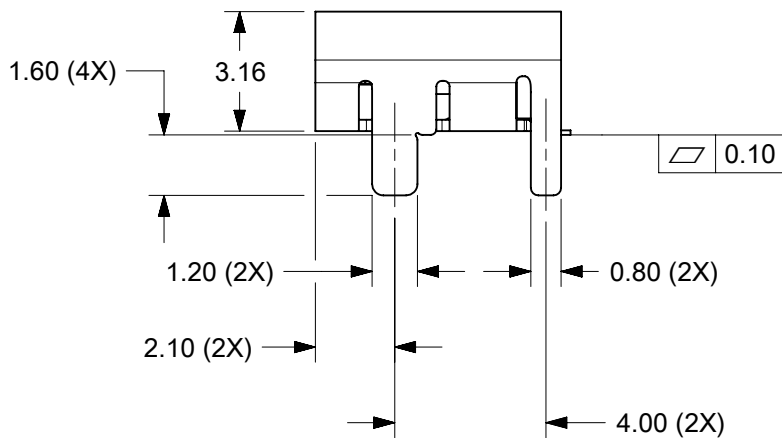
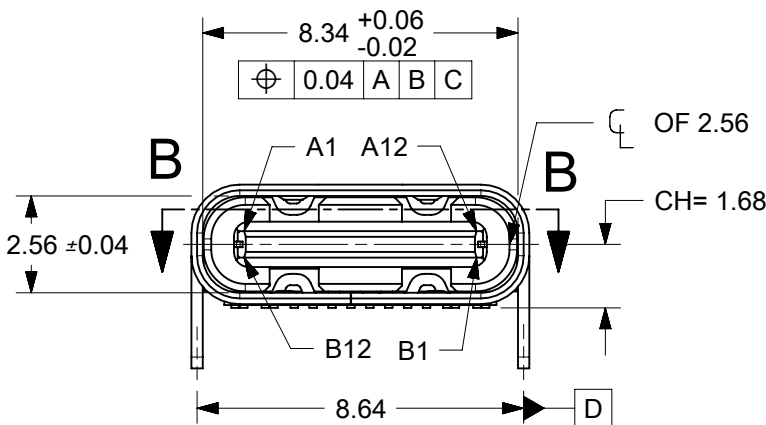
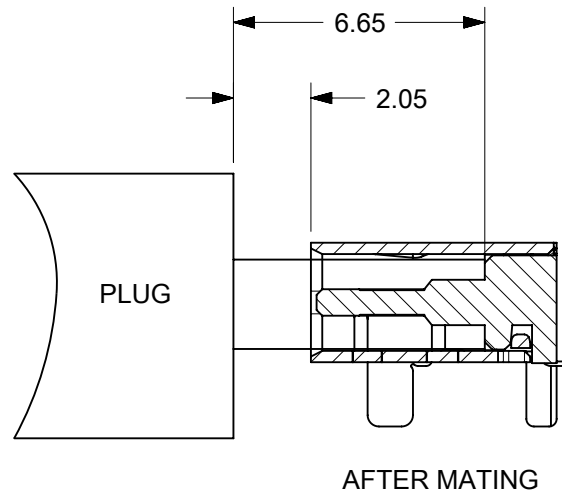
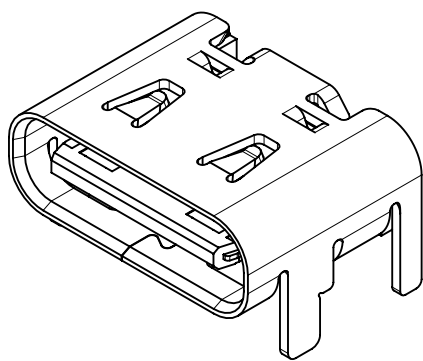
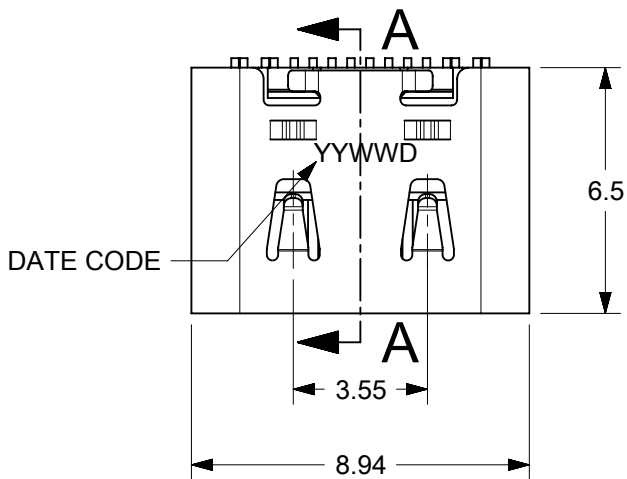




| PART NO.   | PLATING DESCRIPTION            |
|------------|--------------------------------|
| 2171790003 | SEE NOTE 2(1) FOR CONTACT AREA |

|                                                                                                                                               |  |                                      |  |                                |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|--|--------------------------------|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  | CURRENT REV DESC: CHANGE THE NOTE 4. |  | <b>molex</b>                   |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  | EC NO: 819927                        |  | USB TYPE-C 16POS TOP-MOUNT SMT |  |  |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |  | DRWN: FYANG05                        |  | PRODUCT CUSTOMER DRAWING       |  |  |  |
| 4 PLACES ±                                                                                                                                    |  | CHK'D: RLI09                         |  | DOCUMENT NUMBER                |  |  |  |
| 3 PLACES ± 0.1                                                                                                                                |  | APPR: RLI09                          |  | 2171790003                     |  |  |  |
| 2 PLACES ± 0.2                                                                                                                                |  | INITIAL REVISION:                    |  | DOC TYPE                       |  |  |  |
| 1 PLACE ± 0.3                                                                                                                                 |  | DRWN: NAVEEK19                       |  | PSD                            |  |  |  |
| 0 PLACES ±                                                                                                                                    |  | APPR: RLI09                          |  | DOC PART                       |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  | THIRD ANGLE PROJECTION               |  | REVISION                       |  |  |  |
|                                                                                                                                               |  | DRAWING                              |  | A1                             |  |  |  |
|                                                                                                                                               |  | SERIES                               |  | MATERIAL NUMBER                |  |  |  |
|                                                                                                                                               |  | A3-SIZE                              |  | CUSTOMER                       |  |  |  |
|                                                                                                                                               |  | 217179                               |  | GENERAL MARKET                 |  |  |  |
|                                                                                                                                               |  |                                      |  | SHEET NUMBER                   |  |  |  |
|                                                                                                                                               |  |                                      |  | 1 OF 2                         |  |  |  |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/04/24 | 02:27:38 |
|-----------------|----|--------------|------------|----------|
|-----------------|----|--------------|------------|----------|

NOTES:

1.MATERIAL SPECIFICATION:

1.1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

1.2.CONTACTS:COPPER ALLOY

1.3.MIDDLE CLIP: STAINLESS STEEL

1.4.SHELL: STAINLESS STEEL

2.PLATING:

2.1 TERMINAL:OVERALL PLATING Ni BASE 50u" ~ 150u".

FUNCTIONAL AREA Au PLATING 2u"MIN.

SOLDER AREA Au PLATING 1u"MIN.

2.2. SHELL: PLATING NICKEL 50u" ~ 200u" ON SOLDERING AREA.

2.3. MIDDLE CLIP : CLEANING

3. PRODUCT SPEC: 2169900001

4. PACKAGE SPEC: 2171790003PDDPK1

5. PRODUCT COMPLANT TO ROHS DIRECTIVE 2011/95/EU

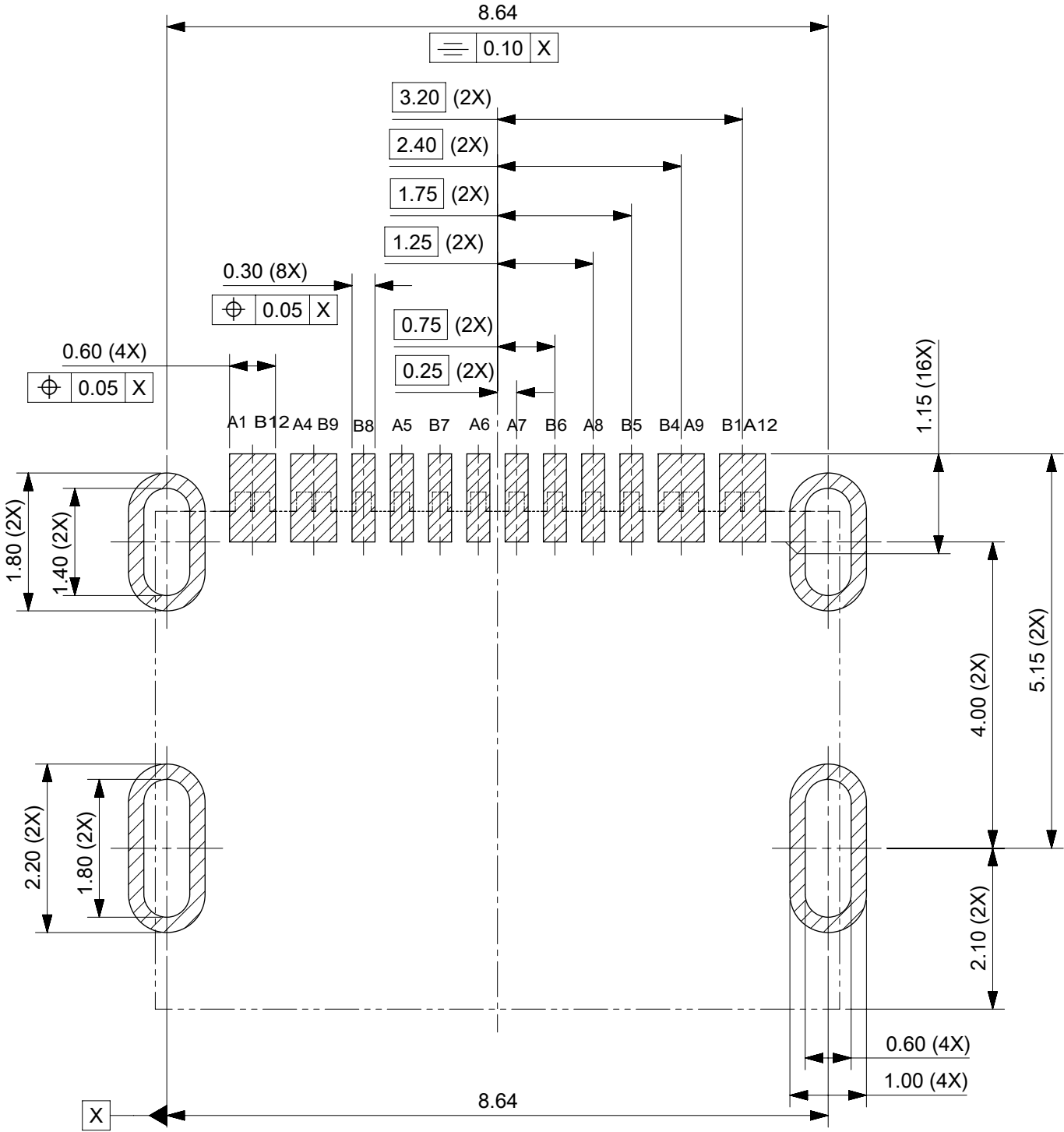
6. PLEASE CONTACT YOUR SALES REPRESENTATIVE IF INTENDED FOR AUTOMOTIVE

7. DATE CODE: YY WW D

YEAR WEEK DAY

USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A12        | GND         | B1         | GND         |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.20MM;DEFAULT TOLERANCE:±0.05

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

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ± 0.1

2 PLACES ± 0.2

1 PLACE ± 0.3

0 PLACES ±

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

217179

CURRENT REV DESC: CHANGE THE NOTE 4.

EC NO: 819927

DRWN: FYANG05 2025/04/23

CHK'D: RLI09 2025/04/24

APPR: RLI09 2025/04/24

INITIAL REVISION:

DRWN: NAVEEK19 2025/04/09

APPR: RLI09 2025/04/22

USB TYPE-C 16POS TOP-MOUNT SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

2171790003

DOC TYPE

PSD

DOC PART

000

REVISION

A1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

DOCUMENT STATUS

P1

RELEASE DATE

2025/04/24 02:27:38