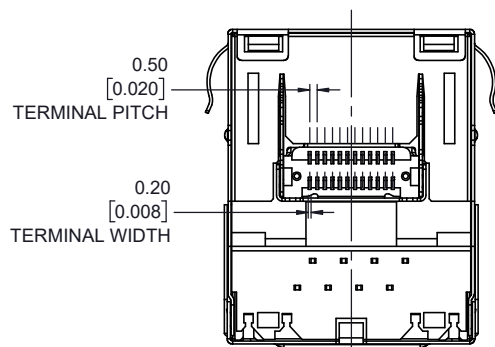
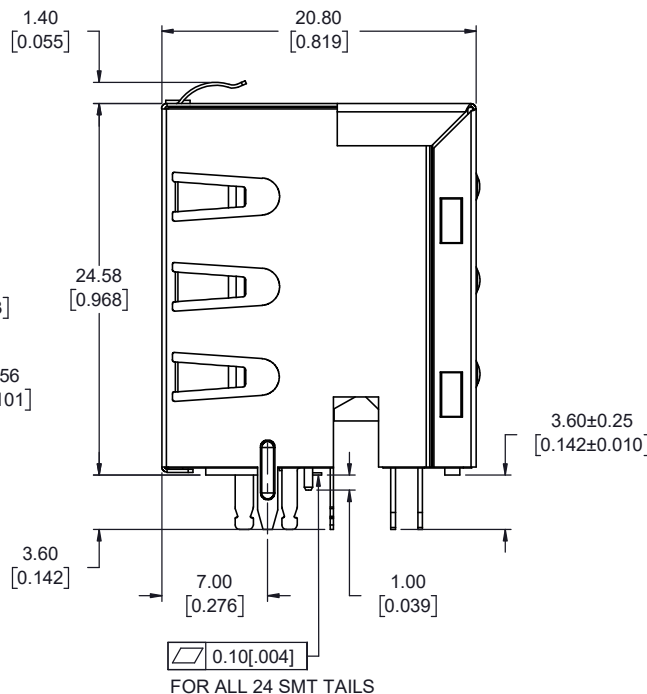
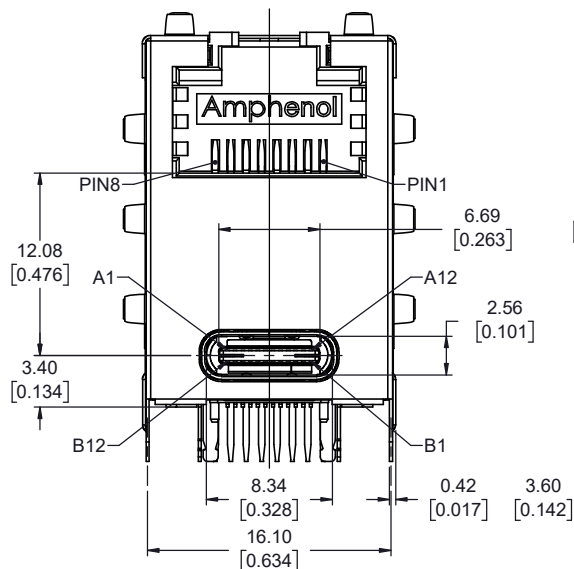
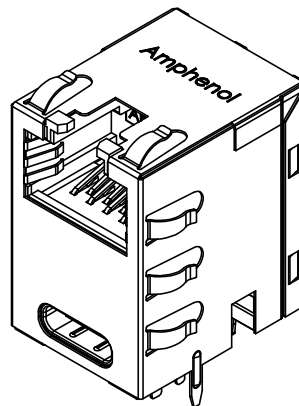
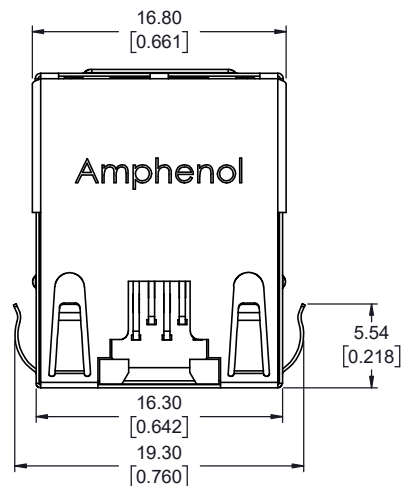




| REVISIONS |                           |          |        |
|-----------|---------------------------|----------|--------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE     | APP'D  |
| C         | ADD NOTES FOR TYPE C      | JUN13/22 | L.CHAN |
| D         | ADD DIMS OF TAB           | JUN16/22 | K.TANG |

#### NOTES:

1. RJ45:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
FLAMMABILITY RATING UL 94V-0, COLOR: BLACK

CONTACTS: PHOSPHOR BRONZE,  
PLATING: SELECTIVE GOLD PLATING ON THE  
MATING AREA, (SEE PART NO. FOR THICKNESS)  
10µ" [2.54 MICRONS] MIN MATTE TIN ON THE TAILS,  
50µ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE

SHIELD: STAINLESS STEEL WITH TIN FINISHED PCB TAILS.

RJ45 PORT CAPABLE OF SUPPORTING 1000BASE-T or 2.5G BASE-T.  
CATEGORY 5e PERFORMANCE:

| FREQUENCY<br>MHZ | NEAR-END<br>CROSS TALK<br>dB, MIN. | RETURN<br>LOSS<br>dB , MIN. | INSERTION<br>LOSS<br>dB, MAX. |
|------------------|------------------------------------|-----------------------------|-------------------------------|
| 1.0              | 65                                 | 30                          | 0.1                           |
| 4.0              | 65                                 | 30                          | 0.1                           |
| 8.0              | 64.9                               | 30                          | 0.1                           |
| 10.0             | 63                                 | 30                          | 0.1                           |
| 16.0             | 58.9                               | 30                          | 0.2                           |
| 20.0             | 57                                 | 30                          | 0.2                           |
| 25.0             | 55                                 | 30                          | 0.2                           |
| 31.25            | 53.1                               | 30                          | 0.2                           |
| 62.5             | 47.1                               | 24.1                        | 0.3                           |
| 100.0            | 43                                 | 20                          | 0.4                           |

#### 2. TYPE C

HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
FLAMMABILITY RATING UL 94V-0, COLOR: BLACK

CONTACTS: PHOSPHOR BRONZE  
PLATING: 30µ" [0.76 MICRONS] MIN. GOLD OVER  
50µ" [1.27 MICRONS] MIN. NICKEL ON THE MATING  
AREA WITH MATTE TIN OVER NICKEL ON THE TAILS.

SHIELD: STAINLESS STEEL, 50µ" [1.27 MICRONS] MIN. NICKEL  
OVERALL .

THE TYPE C MEET THE PERFORMANCE OF TYPC 3.1 GEN2

AMPHENOL PART NUMBER: RJ4E-188-1X01

GOLD PLATING OPTION

1= 6µ" GOLD PLATING

2=15µ" GOLD PLATING

3=30µ" GOLD PLATING

4=50µ" GOLD PLATING

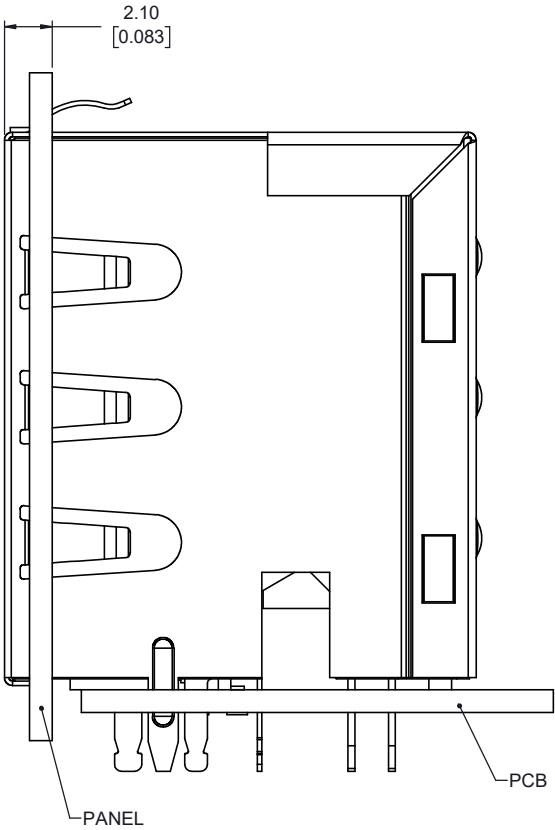
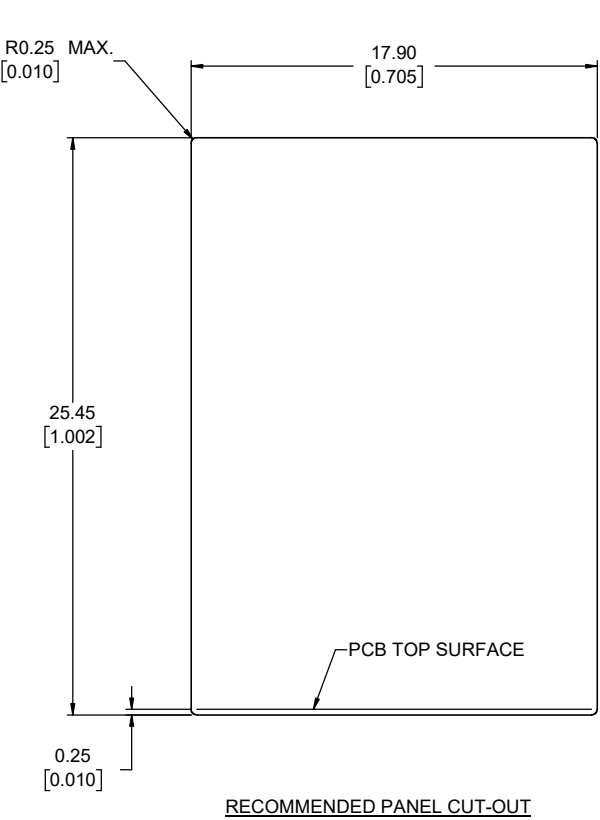
|                            |                        |          |          |
|----------------------------|------------------------|----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN                  | JACK.GUO | JUL11/18 |
| PRIMARY UNITS MILLIMETERS  | CHECKED                | L.CHAN   | JUL11/18 |
| SECONDARY INCHES           | M.E. APP'D             |          |          |
| REFERENCE IN PARENTHESES   | O.A. APP'D             |          |          |
| GENERAL TOLERANCES         | DWG APPR.              |          |          |
| 1 DECIMAL PLACE ±0.38      | ENG. REL. NO.          |          |          |
| 2 DECIMAL PLACES ±0.25     | REF. EAR#: RJ18136     |          |          |
| 3 DECIMAL PLACES ±0.13     | THIRD ANGLE PROJECTION |          |          |
| ANGULAR DEGREES ±1.0°      | DO NOT SCALE DRAWING   |          |          |

**Amphenol Canada Corp.**  
Commercial Products

RJ45(CAT5e) OVER USB TYPE C MODULAR, JACK,  
8P8C, SHIELDED WITH TOP AND SIDE TABS,  
WITHOUT LED, SUITABLE FOR REFLOW PROCESS,  
ESD TRAY PACKAGE - RoHS COMPLIANT

|                   |                  |            |              |
|-------------------|------------------|------------|--------------|
| DWG. NO.          | P-RJE4E-188-1X01 | REV        | D            |
| CODE ID NO. 03554 | DWG SIZE: X      | SCALE: 5:1 | SHEET 1 OF 4 |

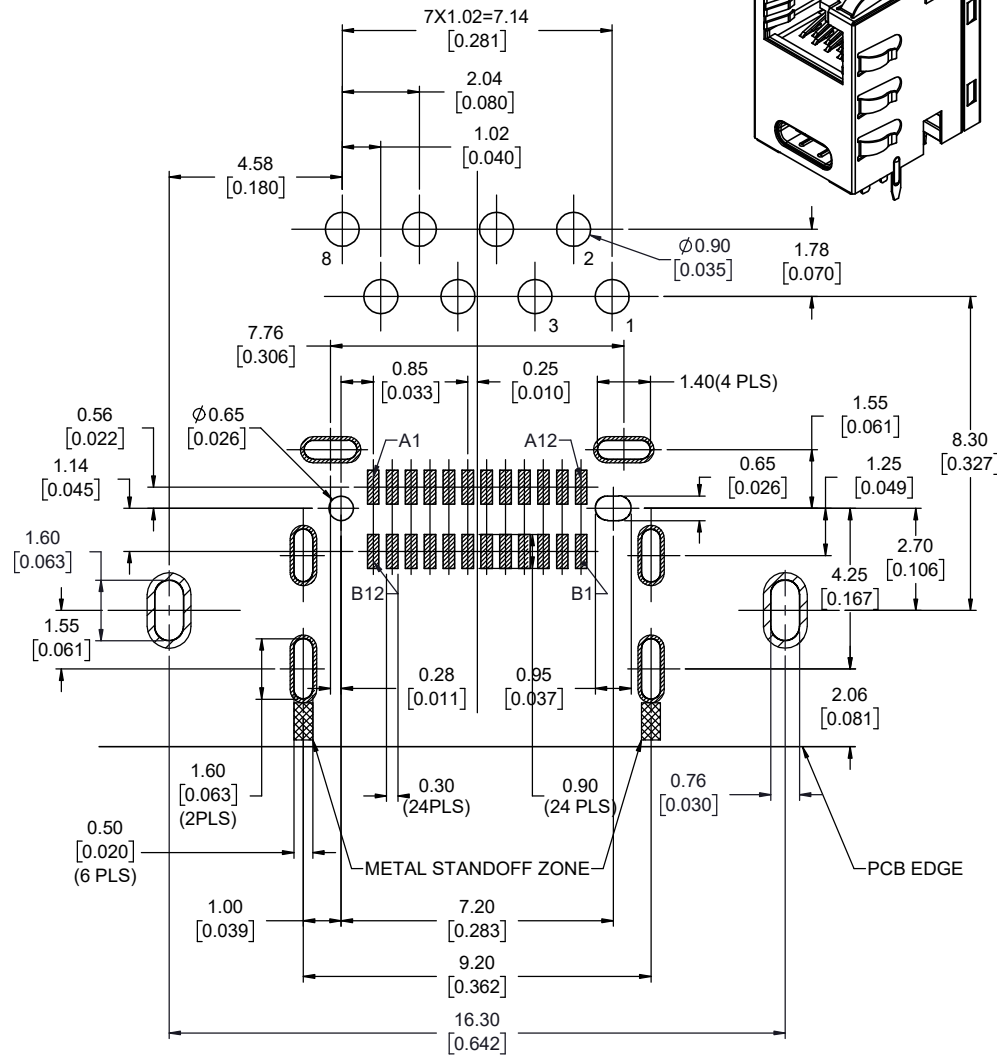
| REVISIONS |                           |          |        |
|-----------|---------------------------|----------|--------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE     | APP'D  |
| C         | ADD NOTES FOR TYPE C      | JUN13/22 | L.CHAN |
| D         | ADD DIMS OF TAB           | JUN16/22 | K.TANG |



|                            |                        |          |          |
|----------------------------|------------------------|----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN                  | JACK.GUO | JUL11/18 |
| PRIMARY UNITS MILLIMETERS  | CHECKED                | L.CHAN   | JUL11/18 |
| SECONDARY INCHES           | M.E. APP'D             |          |          |
| REFERENCE IN PARENTHESES   | Q.A. APP'D             |          |          |
| GENERAL TOLERANCES         | DWG APPR.              |          |          |
| 1 DECIMAL PLACE ±0.38      | ENG. REL. NO.          |          |          |
| 2 DECIMAL PLACES ±0.25     | REF. EAR#: RJ18136     |          |          |
| 3 DECIMAL PLACES ±0.13     | THIRD ANGLE PROJECTION |          |          |
| ANGULAR DEGREES ±1.0°      | DO NOT SCALE DRAWING   |          |          |

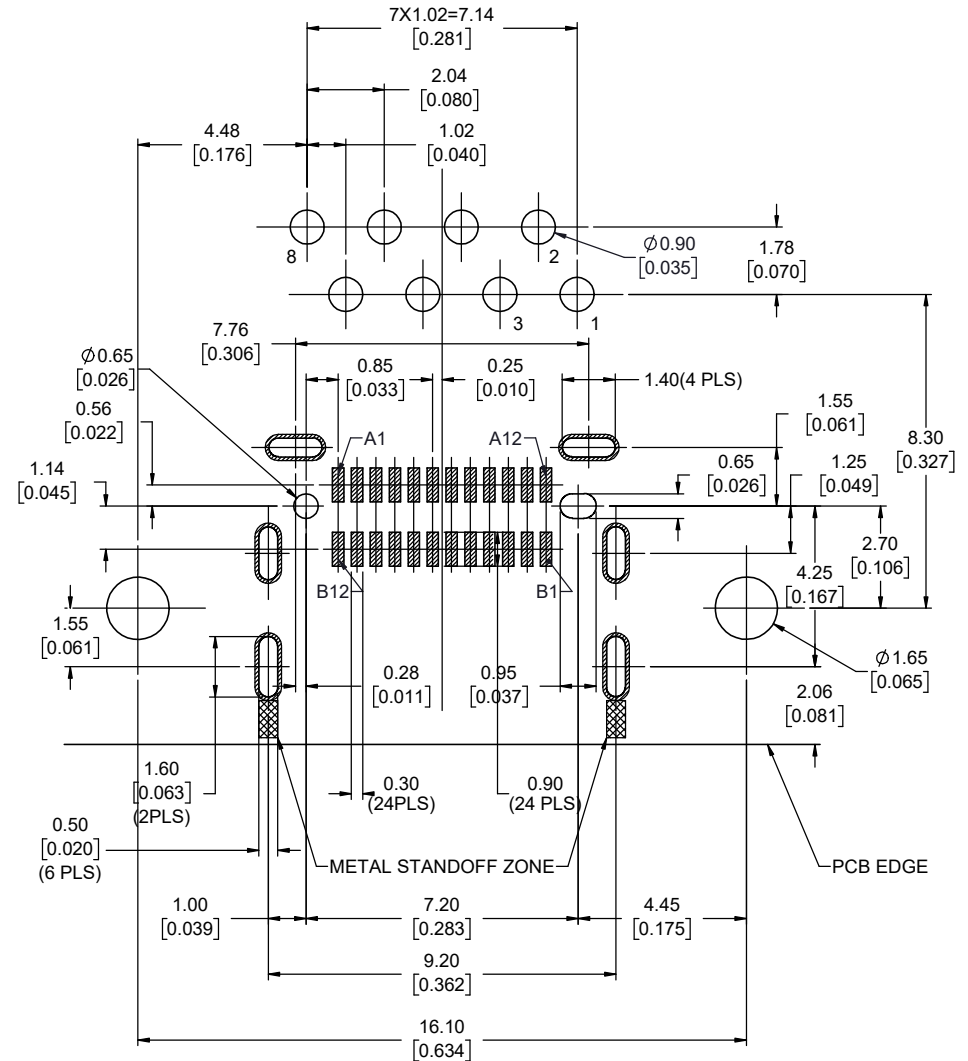
|                                                                                                                                                               |                  |            |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|--------------|
| <b>Amphenol Canada Corp.</b><br>Commercial Products                                                                                                           |                  |            |              |
| RJ45(CAT5e) OVER USB TYPE C MODULAR, JACK, 8P8C, SHIELDED WITH TOP AND SIDE TABS, WITHOUT LED, SUITABLE FOR REFLOW PROCESS, ESD TRAY PACKAGE - RoHS COMPLIANT |                  |            |              |
| DWG. NO.                                                                                                                                                      | P-RJE4E-188-1X01 |            | REV D        |
| CODE ID NO. 03554                                                                                                                                             | DWG SIZE: X      | SCALE: 6:1 | SHEET 2 OF 4 |

| REVISIONS |                           |          |        |
|-----------|---------------------------|----------|--------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE     | APP'D  |
| C         | ADD NOTES FOR TYPE C      | JUN13/22 | L.CHAN |
| D         | ADD DIMS OF TAB           | JUN16/22 | K.TANG |



RECOMMENDED P.C.B LAYOUT 1  
COMPONENT SIDE TO BOARD  
TOLERANCE:  $\pm 0.05$  [0.002]

RECOMMENDED P.C.B THICKNESS: 3.0MM  
PAD RING WIDTH: 0.10MM



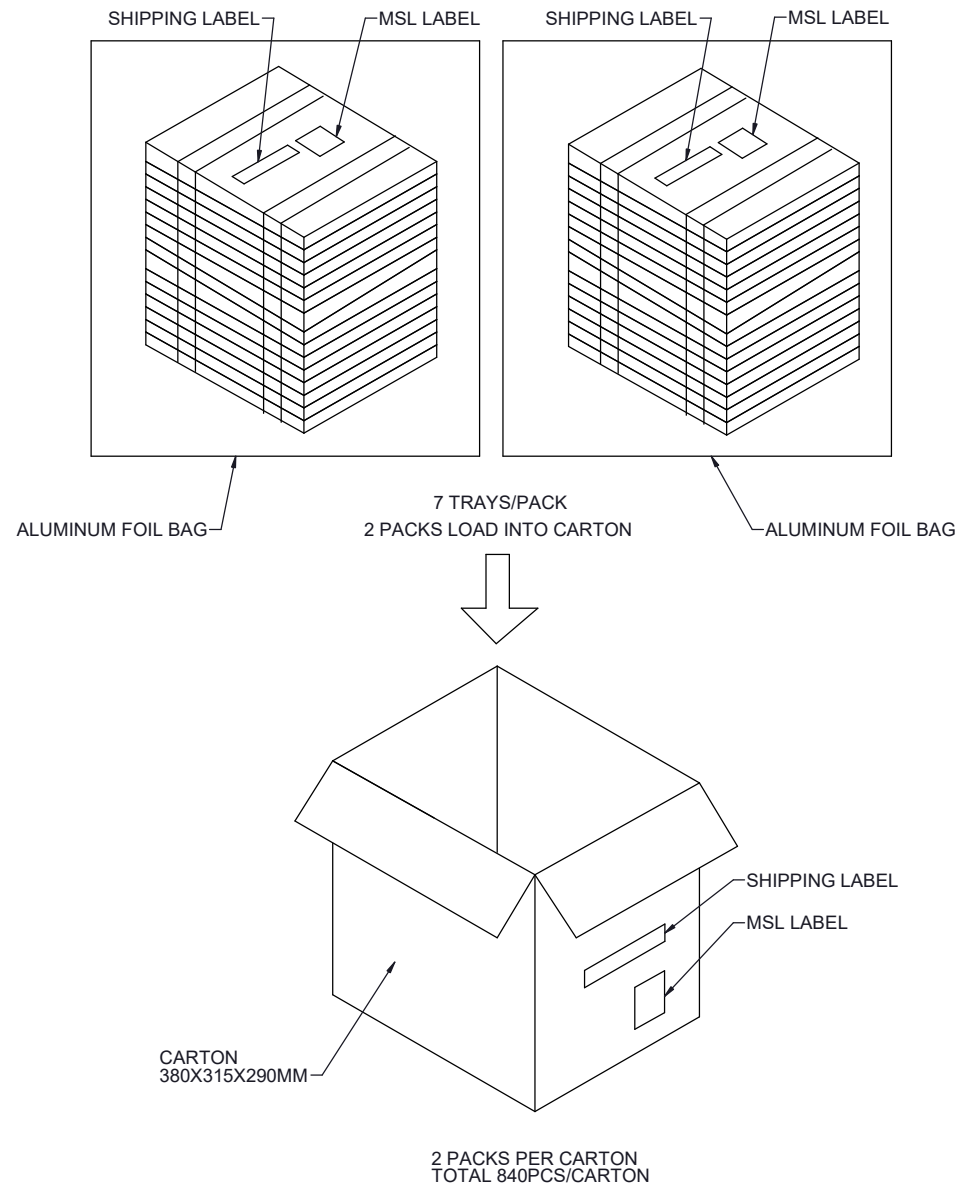
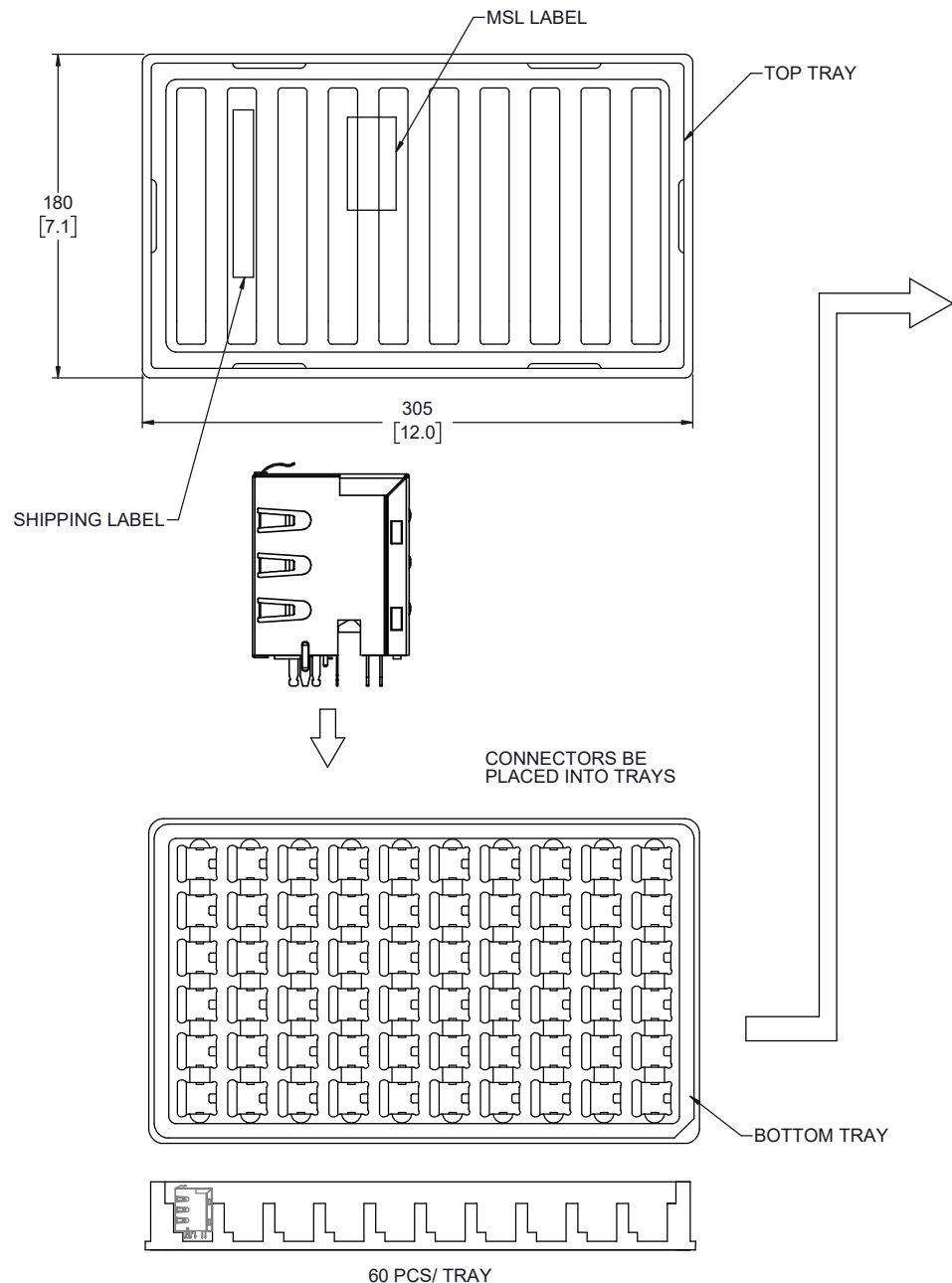
RECOMMENDED P.C.B LAYOUT 2  
COMPONENT SIDE TO BOARD  
TOLERANCE:  $\pm 0.05$  [0.002]

RECOMMENDED P.C.B THICKNESS: 3.0MM  
PAD RING WIDTH: 0.10MM

|                                 |                        |          |          |
|---------------------------------|------------------------|----------|----------|
| UNLESS SPECIFIED OTHERWISE      | DRAWN                  | JACK.GUO | JUL11/18 |
| PRIMARY UNITS MILLIMETERS       | CHECKED                | L.CHAN   | JUL11/18 |
| SECONDARY INCHES                | M.E. APP'D             |          |          |
| REFERENCE IN PARENTHESES        | O.A. APP'D             |          |          |
| GENERAL TOLERANCES              | DWG APPR.              |          |          |
| 1 DECIMAL PLACE $\pm 0.38$      | ENG. REL. NO.          |          |          |
| 2 DECIMAL PLACES $\pm 0.25$     | REF. EAR#: RJ18136     |          |          |
| 3 DECIMAL PLACES $\pm 0.13$     | THIRD ANGLE PROJECTION |          |          |
| ANGULAR DEGREES $\pm 1.0^\circ$ | DO NOT SCALE DRAWING   |          |          |

|                                                                                                                                                               |             |            |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|--------------|
| <b>Amphenol Canada Corp.</b><br>Commercial Products                                                                                                           |             |            |              |
| RJ45(CAT5e) OVER USB TYPE C MODULAR, JACK, 8P8C, SHIELDED WITH TOP AND SIDE TABS, WITHOUT LED, SUITABLE FOR REFLOW PROCESS, ESD TRAY PACKAGE - RoHS COMPLIANT |             |            |              |
| P-RJE4E-188-1X01                                                                                                                                              |             |            | REV D        |
| CODE ID NO. 03554                                                                                                                                             | DWG SIZE: X | SCALE: 5:1 | SHEET 3 OF 4 |

| REVISIONS |                           |          |        |
|-----------|---------------------------|----------|--------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE     | APP'D  |
| C         | ADD NOTES FOR TYPE C      | JUN13/22 | L.CHAN |
| D         | ADD DIMS OF TAB           | JUN16/22 | K.TANG |



- NOTES:**  
PACKAGING QUANTITY:
- 60 PCS / TRAY
  - 7 TRAYS / PACK [420 PCS /PACK]
  - 2 PACKS / CARTON [14 TRAYS / CARTON]
  - 840 PCS / CARTON
  - THE PACKAGING IS MSL 2a COMPATIBLE.



|                                 |                        |          |          |
|---------------------------------|------------------------|----------|----------|
| UNLESS SPECIFIED OTHERWISE      | DRAWN                  | JACK.GUO | JUL11/18 |
| PRIMARY UNITS MILLIMETERS       | CHECKED                | L.CHAN   | JUL11/18 |
| SECONDARY INCHES                | M.E. APP'D             |          |          |
| REFERENCE IN PARENTHESES        | Q.A. APP'D             |          |          |
| GENERAL TOLERANCES              | DWG APPR.              |          |          |
| 1 DECIMAL PLACE $\pm 0.38$      | ENG. REL. NO.          |          |          |
| 2 DECIMAL PLACES $\pm 0.25$     | REF. EAR#: RJ18136     |          |          |
| 3 DECIMAL PLACES $\pm 0.13$     | THIRD ANGLE PROJECTION |          |          |
| ANGULAR DEGREES $\pm 1.0^\circ$ | DO NOT SCALE DRAWING   |          |          |

|                                                                                                                                                               |             |            |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|--------------|
| <b>Amphenol Canada Corp.</b><br>Commercial Products                                                                                                           |             |            |              |
| RJ45(CAT5e) OVER USB TYPE C MODULAR, JACK, 8P8C, SHIELDED WITH TOP AND SIDE TABS, WITHOUT LED, SUITABLE FOR REFLOW PROCESS, ESD TRAY PACKAGE - RoHS COMPLIANT |             |            |              |
| DWG. NO. P-RJE4E-188-1X01                                                                                                                                     |             |            | REV D        |
| CODE ID NO. 03554                                                                                                                                             | DWG SIZE: X | SCALE: 5:1 | SHEET 4 OF 4 |