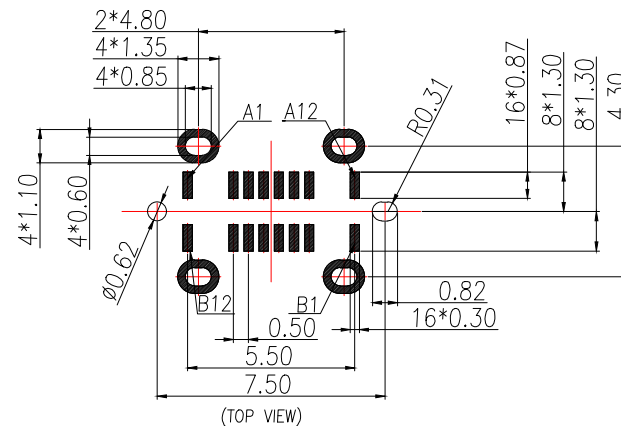
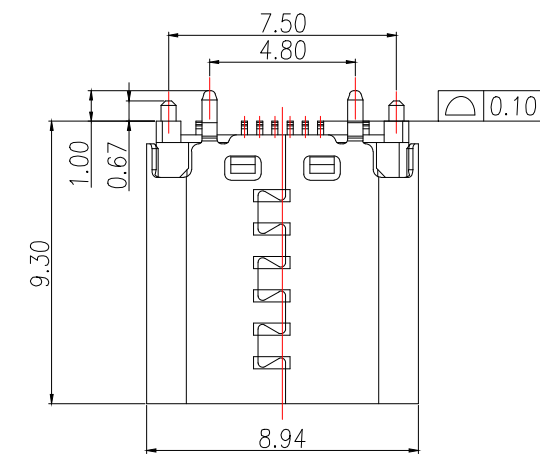
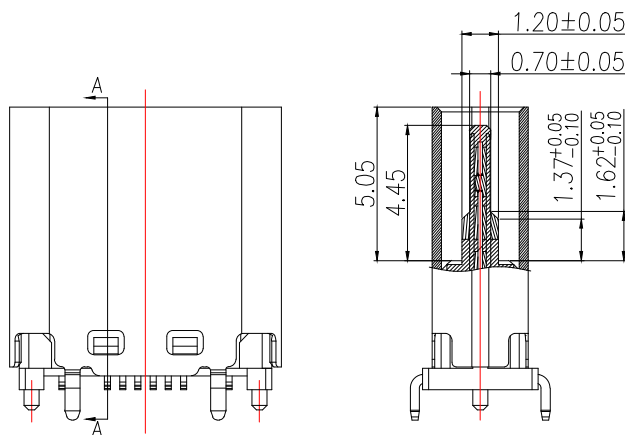
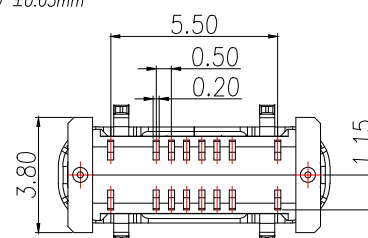
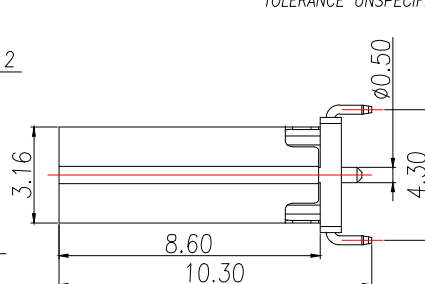
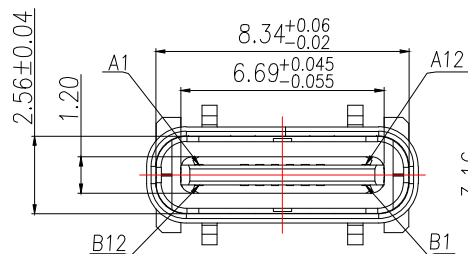
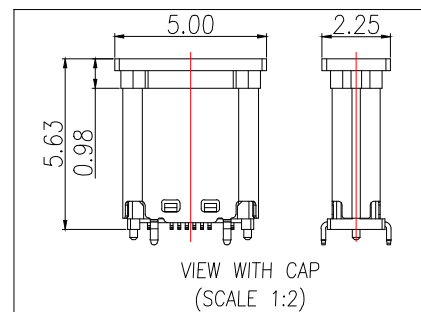




(TOP VIEW)  
RECOMMENDED P.C.B. LAYOUT (T:0.8mm)  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$



SECTION A-A



VIEW WITH CAP  
(SCALE 1:2)

#### SPECIFICATION:

- MATERIAL & FINISH: SEE THE LIST;
- PLATING SPECIFICATION:
  - CONTACTS:

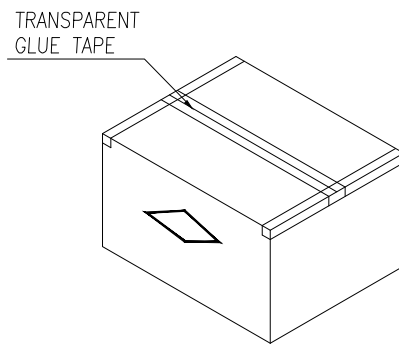
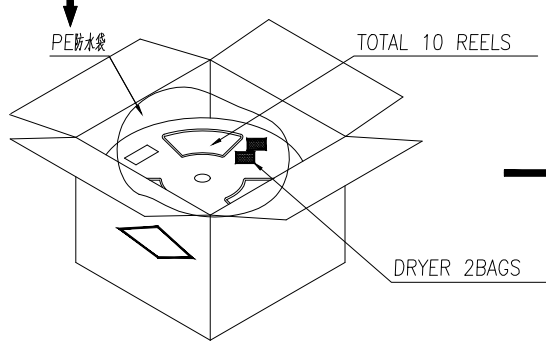
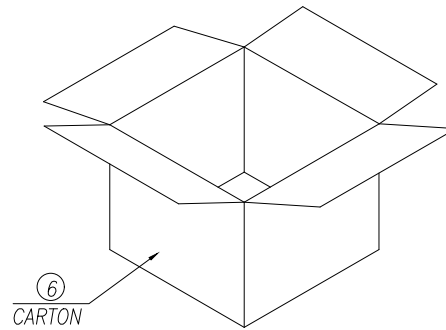
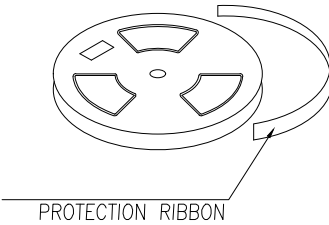
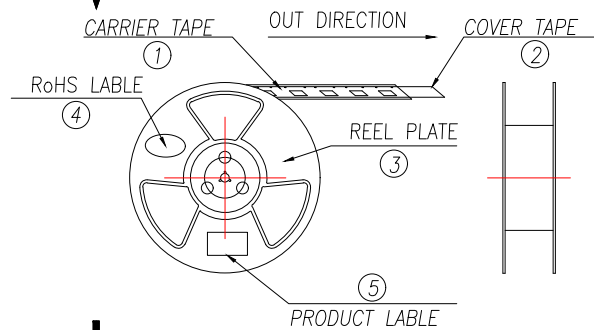
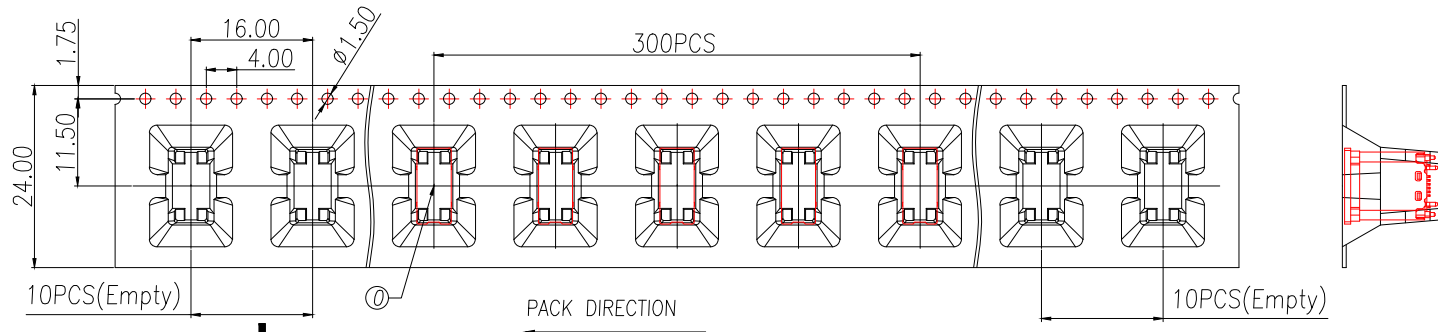
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE MATING AREA OF CONTACT.  
Au PLATED ON THE SOLDER AREA.
  - SHELL: Ni 30u" MIN. UNDER PLATED OVER ALL.
  - MID PLATE: CLEAR ONLY
- MECHANICAL:
  - MATING FORCE: 0.5~2.0kgf;
  - UNMATING FORCE: 0.8~2.0kgf.  
0.6~2.0kgf AFTER DURABILITY TEST;
  - DURABILITY: 10000 CYCLES;
- ELECTRICAL:
  - CURRENT RATING: 5A Max;
  - VOLTAGE RATING: 20V Max;
  - DIELECTRIC WITHSTANDING VOLTAGE: 100VAC;
  - CONTACT RESISTANCE: 40mΩ Ohms Max.;
  - INSULATION RESISTANCE: 100M Ohms Min.;
- ENVIRONMENTAL:
  - OPERATING TEMPERATURE: -40°C~+85°C;
  - WETTING TEMPERATURE: 265±5°C, 5±0.5s
  - Salt Spray Test: 48H Min

PIN DEFINE TABLE

| PIN | SIGNAL | PIN | SIGNAL |
|-----|--------|-----|--------|
| A12 | GND    | B1  | GND    |
| A11 | -      | B2  | -      |
| A10 | -      | B3  | -      |
| A9  | VBUS   | B4  | VBUS   |
| A8  | SBU1   | B5  | CC2    |
| A7  | D-     | B6  | D+     |
| A6  | D+     | B7  | D-     |
| A5  | CC1    | B8  | SBU2   |
| A4  | VBUS   | B9  | VBUS   |
| A3  | -      | B10 | -      |
| A2  | -      | B11 | -      |
| A1  | GND    | B12 | GND    |

| NO. | PART NAME | Q'TY | MATERIAL                  | FINISH          |
|-----|-----------|------|---------------------------|-----------------|
| 5   | CAP       | 1    | High temperature plastic  | UL94 V-0, Black |
| 4   | Shell     | 1    | Stainless Steel, T=0.30mm | 30u"Ni Min.     |
| 3   | GroundBar | 1    | Stainless Steel, T=0.15mm | No Plating      |
| 2   | Contact   | 16   | Copper Alloy, T=0.15mm    | Au/Ni-Plated    |
| 1   | Housing   | 1    | High temperature plastic  | UL94 V-0, Black |

| 制图<br>DRAWN | 变更内容<br>DESCRIPTION | 日期<br>DATE | GENERAL TOLERANCE |            | 制图<br>DRAWING | EMMA           |             |     | 料号<br>PART NO.   | BX-TYPE-C-422          |  | 版本<br>REV.                                                                            | A   |
|-------------|---------------------|------------|-------------------|------------|---------------|----------------|-------------|-----|------------------|------------------------|--|---------------------------------------------------------------------------------------|-----|
|             |                     |            | X.±1.00           | X.*±5°     | 审核            | EVA            |             |     | 品名<br>TITLE      | TYPE-C 16p 主模式转接H9.3mm |  | 页次<br>SHEET                                                                           | 1/1 |
|             |                     |            |                   |            | CHECK         | JADE           |             |     | 客户料号<br>CUTM.NO. |                        |  |  |     |
|             |                     |            |                   |            |               | 核准<br>APPROVAL |             |     |                  |                        |  |                                                                                       |     |
|             |                     |            | .X±0.50           | .X.*±3°    |               |                |             |     |                  |                        |  |                                                                                       |     |
|             |                     |            | .XX±0.30          | .XX.*±2.5° |               |                |             |     |                  |                        |  |                                                                                       |     |
|             |                     |            |                   |            | 单位<br>UNITS   | MM             | 比例<br>SCALE | 1:1 | Bossie (博锡)      |                        |  |                                                                                       |     |



| NO. | NAME              | SPEC            | Q'TY            |
|-----|-------------------|-----------------|-----------------|
| 0   | TYPE C RECEPTACLE |                 | 3000PCS/CARTON  |
| 1   | CARRIER TAPE      | W=24mm,T=0.50mm | 300PCS/PLATE    |
| 2   | COVER TAPE        | W=21.3mm        | 10PLATES/CARTON |
| 3   | REEL PLATE        | φ330*100*24.4mm | 10PCS/CARTON    |
| 4   | RoHS LABEL        |                 | 10PCS/CARTON    |
| 5   | PRODUCT LABER     |                 | 10PCS/CARTON    |
| 6   | CARTON            | 350*340*310mm   | 1PCS/PACKAGE    |

说明:

- 1.每卷前后各空10PCS,尾部用美纹胶纸封住;
- 2.将产品放满盘后,再卷一圈保护带,用美纹胶纸将其封住,并贴上1Pcs物料标签;
- 3.每10卷盘一叠共3000Pcs并装入1个外箱内;
- 4.在搬运过程中要轻拿轻放;
- 5.在运输中不可堆放过多(1.8M最高),不可重压;
- 6.跌落测试条件:  
成品箱从1.2米高度自由落体(一角三棱六面):  
a.产品不可跑出下带凹槽;  
b.产品不可有摔伤,变形;  
c.内包装材料不可严重破损.

| 制图<br>DRAWN | 变更内容<br>DESCRIPTION | 日期<br>DATE | GENERAL TOLERANCE |           | 制图<br>DRAWING | EMMA        |    |             | 料号<br>PART NO.   | BX-TYPE-C-422                                                                         |  | 版本<br>REV.  | A   |
|-------------|---------------------|------------|-------------------|-----------|---------------|-------------|----|-------------|------------------|---------------------------------------------------------------------------------------|--|-------------|-----|
|             |                     |            | X.±1.00           | X.*±5°    | 审核            | EVA         |    |             | 品名<br>TITLE      | TYPE-C 16p 主模式插座H9.3mm                                                                |  | 页次<br>SHEET | 1/1 |
|             |                     |            |                   |           | CHECK         | JADE        |    |             | 客户料号<br>CUTM.NO. |  |  |             |     |
|             |                     |            |                   |           |               |             |    |             |                  |                                                                                       |  |             |     |
|             |                     |            | .X±0.50           | .X*±3°    | APPROVAL      |             |    |             |                  |                                                                                       |  |             |     |
|             |                     |            | .XX±0.30          | .XX*±2.5° |               | 单位<br>UNITS | MM | 比例<br>SCALE | 1:1              | Bossie (博锡)                                                                           |  |             |     |