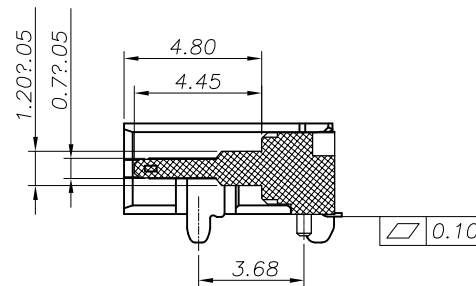
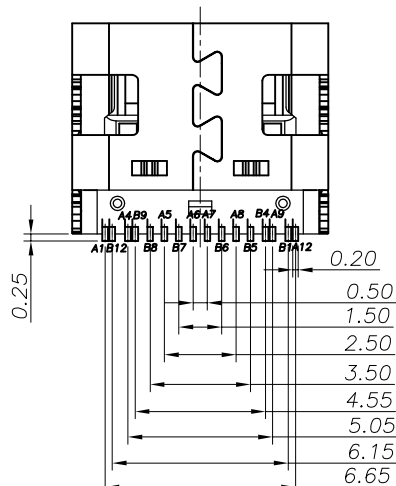
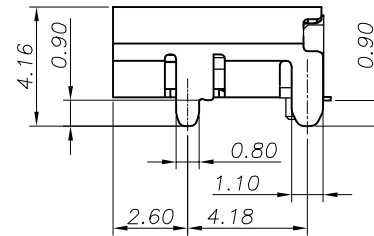
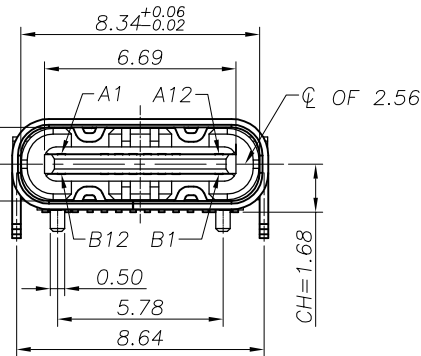
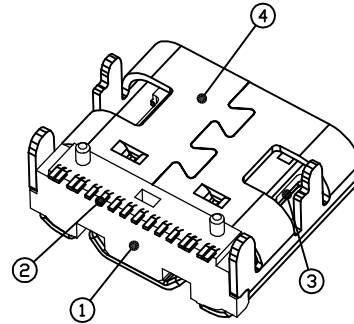
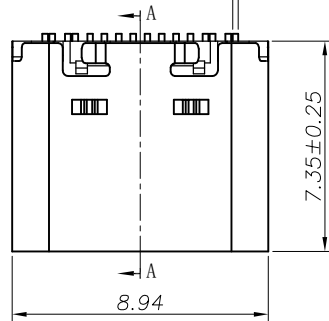


RoHS Compliant

0.20±0.05(16X)



SECTION:A-A

NOTE:

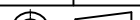
- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - 2.CONTACTS:COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
  - 4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:  
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
(GOLD PLATING THICKNESS FOLLOW THE P/N)  
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - 2-2.FRONT SHELL:  
Ni 30u" MIN. UNDER PLATED OVER ALL.
  - 2-3.SHIELD PLATE&EMI PLATE:  
CLEAR ONLY
- 3.MECHANICAL PERFORMANCE,
  - 3-1.INSERTION FORCE: 0.5~2.0kgf.
  - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
  - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
  - 4-1. CURRENT RATING:5.0A  
VOLTAGE RATING:5.0V
  - 4-2. LLCR:  
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
SHIELD: 50mΩ/MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - 4-3.INSULATION RESISTANCE: 100MΩ MIN
  - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25℃~+85℃.
- 6.IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.

A40-00119-XXX-1X

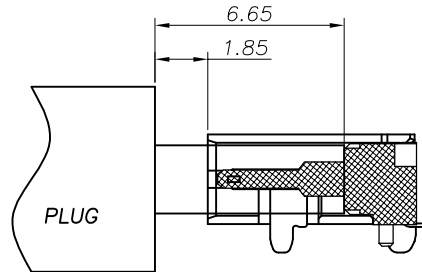
SERIES CODE  
FEMALE  
Mould FLOW NO.  
FLOW NO.

MATERIAL:A:LCP B:PBT  
C:PA9T D:PA46 E:PA66

1: TRAY PACKAGING  
2: TAPE REEL PACKAGE  
1:RoHS 2:HALOGEN FREE  
PLATING:  
1:G/F 4:Gold 10u"  
2:Gold 3u" 5:Gold 15u"  
3:Gold 5u" 6:Gold 30u"  
COLOR:2:WHITE 5:BLACK 9:BLUE

|               |          |                                                                                       |               |                                     |            |
|---------------|----------|---------------------------------------------------------------------------------------|---------------|-------------------------------------|------------|
| ▼ = Places    |          | TOLERANCES UNLESS                                                                     |               | BSC Technology Limited              |            |
| DIM NO. Ⓢ     |          | X. ± 0.50                                                                             | X.° ± 3'      | DESIGN:SH                           | DATE:      |
| SCALE: FIT    |          | .X ± 0.30                                                                             | .X.° ± 2'     | L RC                                | 2015.04.16 |
|               |          | .XX ± 0.20                                                                            | .XX.° ± 1'    | CHECKED:                            | DATE:      |
|               |          | .XXX ± 0.10                                                                           | .XXX.° ± 0.5' | APPROVED:                           | DATE:      |
| SHEET: 1 OF 1 |          |  |               | USB C F TYPE单排SMT<br>四脚插板 有柱 CONN包规 |            |
| ED            | UNIT: mm |                                                                                       |               | PART NO:<br>A40-00119-XXX-XX        |            |
|               |          |                                                                                       |               | SIZE: A4                            |            |
|               |          |                                                                                       |               | DWG NO:<br>A40-00119-XXX-XX         |            |
|               |          |                                                                                       |               | REV: A                              |            |

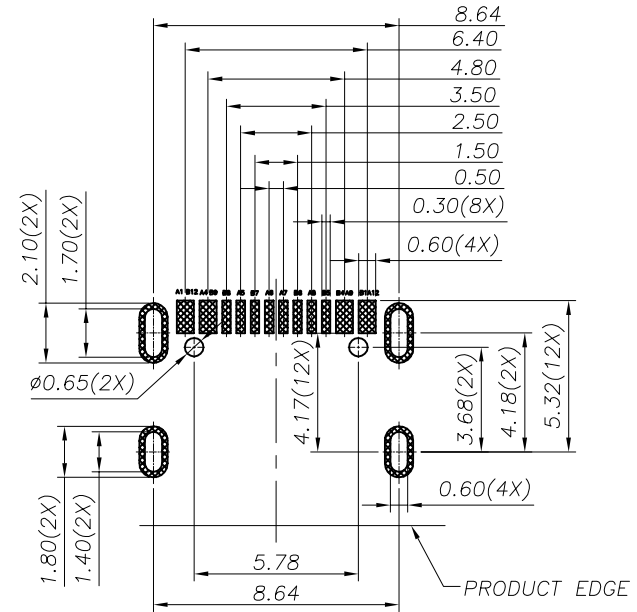
RoHS Compliant



AFTER MATING

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 0.80MM;DEFAULT TOLERANCE:±0.05

| ▼ = Places |        | TOLERANCES UNLESS |              | BSC Technology Limited |            |
|------------|--------|-------------------|--------------|------------------------|------------|
| DIM NO.    | ⊗      | X. ± 0.50         | X° ± 3°      |                        |            |
| SCALE:     | FIT    | .XX ± 0.20        | .XX° ± 1°    | DESIGN:SH              | DATE:      |
| SHEET:     | 1 OF 1 | .XXX ± 0.10       | .XXX° ± 0.5° | L.RC                   | 2015.04.16 |
| UNIT:      | mm     |                   |              | CHECKED:               | DATE:      |
|            |        |                   |              | APPROVED:              | DATE:      |
|            |        |                   |              | PART NO:               | SIZE: A4   |
|            |        |                   |              | DWG NO:                | REV: A     |