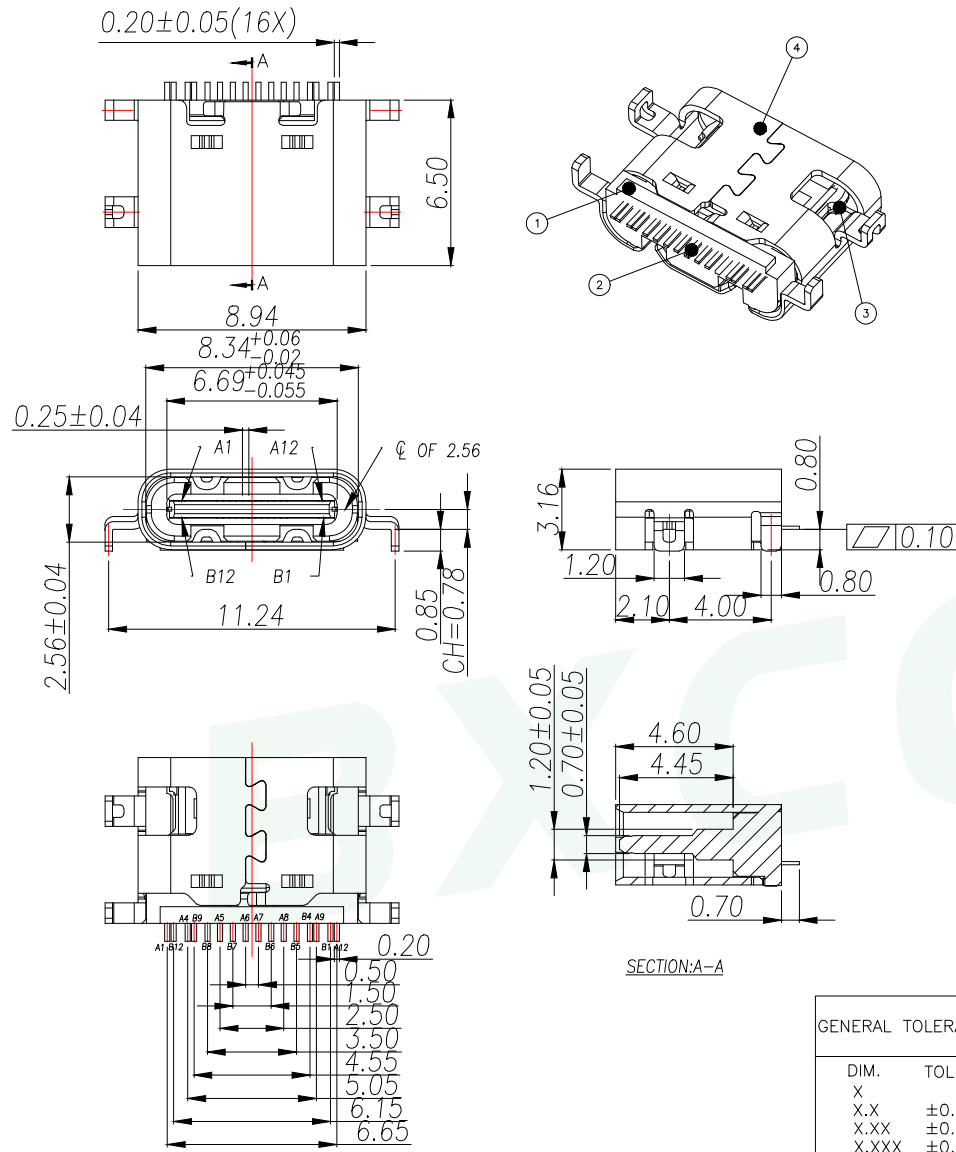


| REV. | DESCRIPTION | ECN NO. | NAME | DATE |
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NOTE:

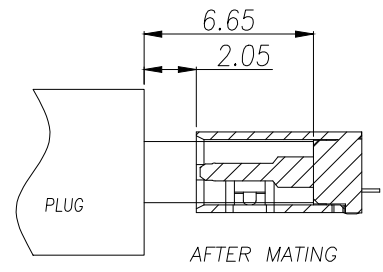
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - TERMINAL: COPPER ALLOY (C1814)
 - MID PLATE: STAINLESS STEEL (SUS301)
 - FRONT SHELL: STAINLESS STEEL (SUS304)
- PLATING SPECIFICATION:
 - TERMINAL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - CONTACT FUNCTIONAL AREA PLATED : Au G/F
 - CONTACT SOLDER AREA PLATED : Au G/F
 - FRONT SHELL:
 - SHELL PLATING : Ni
 - MID PLATE:
 - CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - VOLTAGE RATING: 5 V DC/AC (RMS. max)
CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -40°C~+85°C.
- IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

| | | | | | |
|--------------------|---|-------------|---------------|---------------|---------------|
| GENERAL TOLERANCE | DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD | | | | |
| DIM. TOL. | TITLE: USB CF 16PIN (L=6.5) MID MOUNT 0.8MM | | | | |
| X ±0.30 | DWG. NO.: UC01-OB16F08011 | | DRAWN: MAX | | |
| X.X ±0.25 | PART NO.: UC01-OB16F08011 | | CHECKED: ELLA | | |
| X.XX ±0.15 | UNIT: mm | SCALE: none | SHEET: 1 of 1 | DWG. SIZE: A4 | LAYER: bxconn |
| X.XXX ±0.15 | APPROVED: WILL | | | | |
| GENERAL ANGLE: ±3° | | | | | |



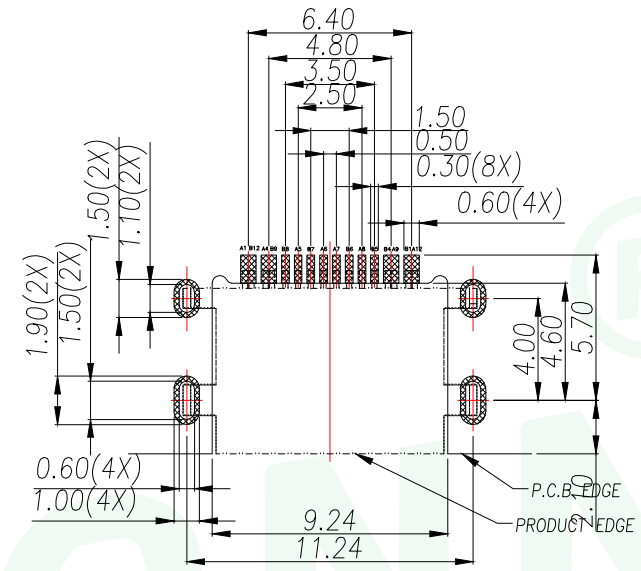
| REV. | DESCRIPTION | ECN NO. | NAME | DATE |
|------|-------------|---------|------|------|
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USB TYPE-C PIN ASSIGNMENTS

| 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

| | | | | | | |
|-------------------|-------|---|---------------|----------------|---------------|--|
| GENERAL TOLERANCE | | DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD | | | |   |
| DIM. | TOL. | TITLE: USB CF 16PIN (L=6.5) MID MOUNT 0.8MM | | | | |
| X | | DWG. NO.: UC01-OB16F08011 | | DRAWN: MAX | | |
| X.X | ±0.30 | PART NO.: UC01-OB16F08011 | | CHECKED: ELLA | | |
| X.XX | ±0.25 | UNIT: mm | | APPROVED: WILL | | |
| X.XXX | ±0.15 | SCALE: none | SHEET: 1 of 1 | DWG. SIZE: A4 | LAYER: bxconn | |
| GENERAL ANGLE: | ±3° | | | | | |

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