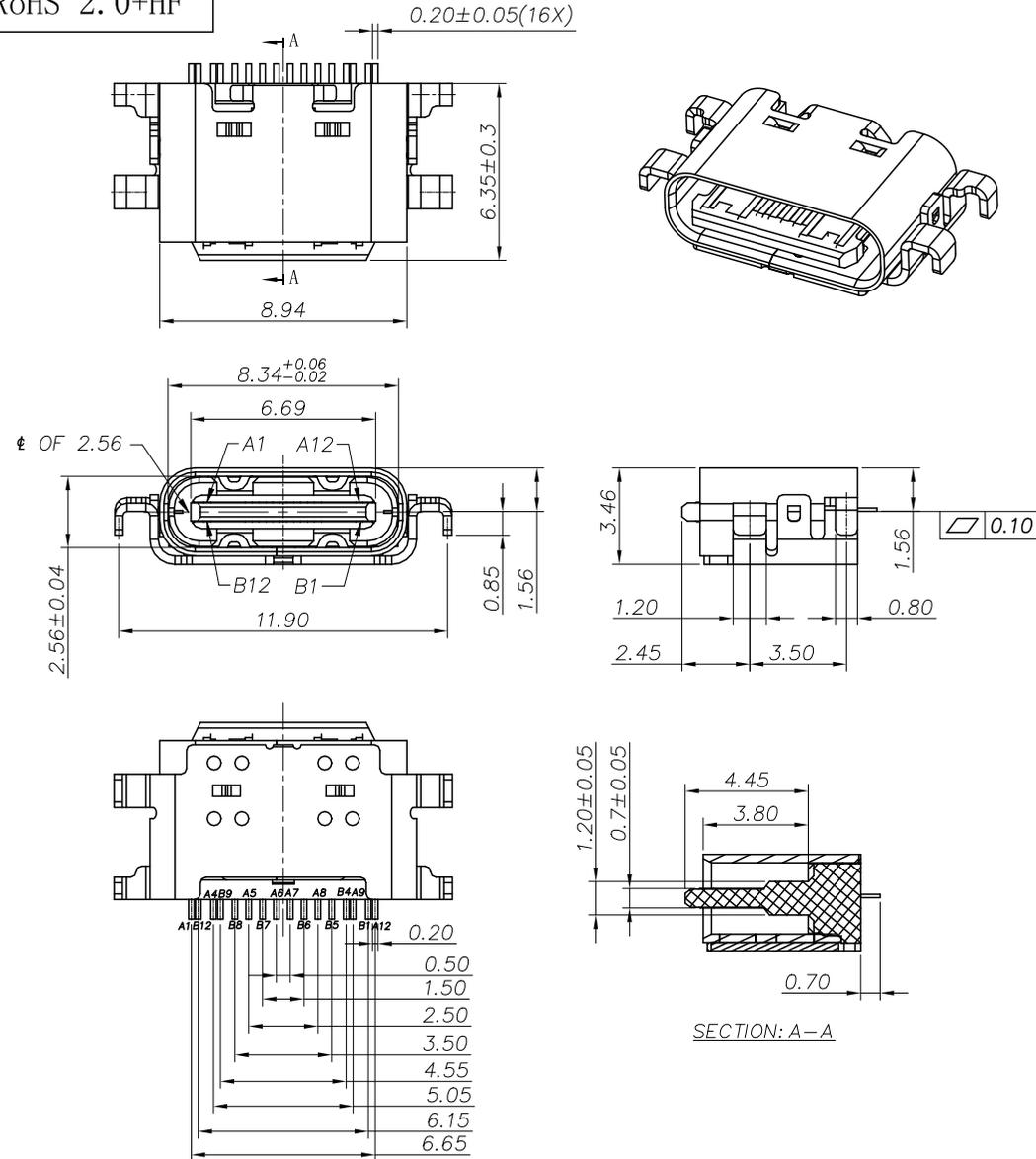


RoHS 2.0+HF

检验规范



NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: LCP, 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. (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 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: 40m*/PIN MAX.
 - SHIELD: 50m*/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10m*
 - INSULATION RESISTANCE: 100M* MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25~C~+85~C.
- IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

SECTION: A-A

| | | | | | | | | | | | | | | | |
|---------|----------|------------------|--|---------|------------------------|--------------|---------|----|-----------------|--|-------------|--|---------------------------|--|----------|
| | | | | | 一般公差 GENERAL TOLERANCE | | 绘图 DR. | | 料号 PART NO. | | 文件编号 NUMBER | | | | |
| | | | | | X.X ±0.35 | X° ±6° | 审核 CHK. | | W-UTP-CF160-16P | | ENDPW03 | | | | |
| | | | | | X.XX ±0.25 | X.X° ±3° | | | 核准 APPD. | | 品名 TITLE | | USB TYPE C单排16PIN沉板1.6带上盖 | | 比例 SCALE |
| | | | | | X.XXX ±0.15 | ▲ MAJOR DIM. | | | | | | | | | 1:1 |
| A0 | 19.05.31 | 新版发行 | | LXZ | LXZ | 单位 UNIT | mm | mm | mm | | | | | | |
| 版次 REV. | 日期 DATE | 变更内容 DESCRIPTION | | 审核 CHK. | 核准 APPD. | | | | | | | | | | |

A

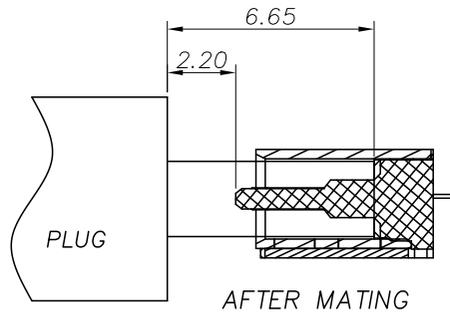
B

C

D

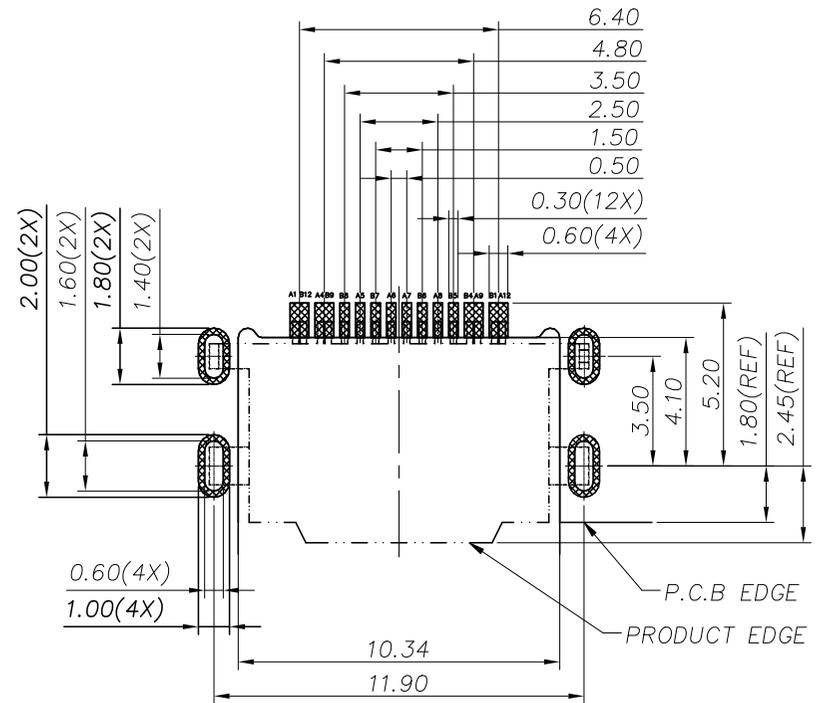
E

F



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

| | | | | | | | | | | | | | |
|---------|----------|------------------|---------|----------|------------------------|--------------|----------|----------------------------|--|-------------|--|---------|--|
| | | | | | 一般公差 GENERAL TOLERANCE | | 绘图 DR. | 料号 PART NO. | | 文件编号 NUMBER | | | |
| | | | | | X.X ±0.35 | X° ±6° | | W-UTP-CF160-16P | | ENDPW03 | | | |
| | | | | | X.XX ±0.25 | X.X° ±3° | 审核 CHK. | 品名 TITLE | | | | | |
| | | | | | X.XXX ±0.15 | ▲ MAJOR DIM. | | USB TYPE C 单排16PIN沉板1.6带上盖 | | | | | |
| A0 | 19.05.31 | 新版发行 | LXZ | LXZ | 单位 UNIT | | 核准 APPD. | 比例 SCALE | | SHEET | | 版次 REV. | |
| 版次 REV. | 日期 DATE | 变更内容 DESCRIPTION | 审核 CHK. | 核准 APPD. | mm | | | 1:1 | | 2/2 | | A0 | |