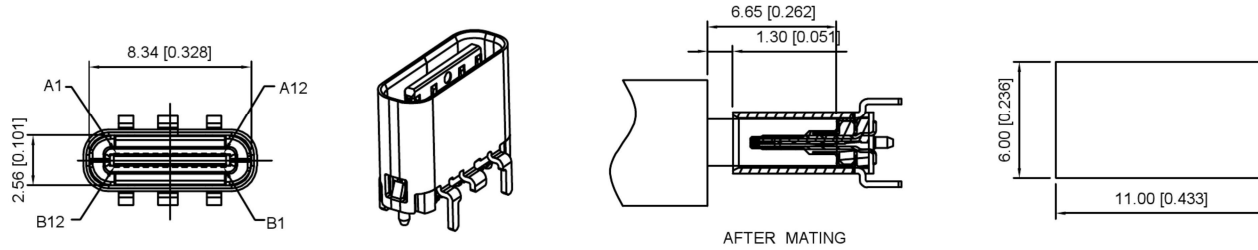


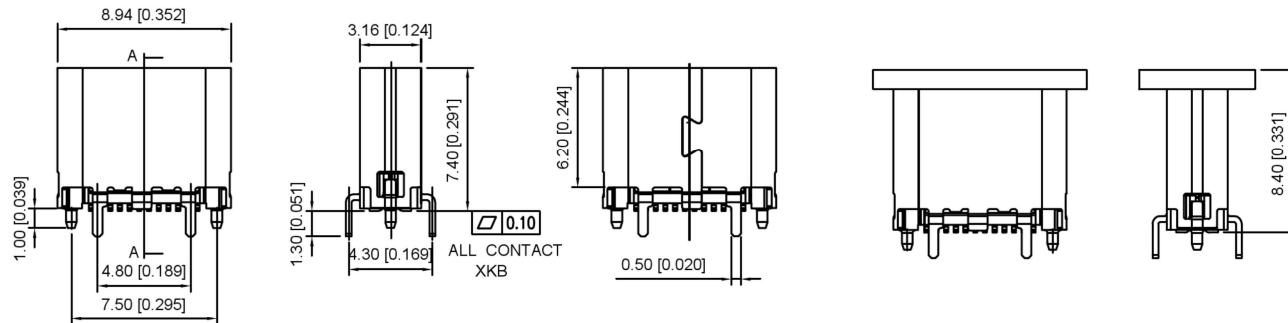
XKB

NOTE:

1. MATERIAL SPECIFICATION:
 1. HOUSING: LCP UL94 V-0.
 2. TERMINAL: COPPER ALLOY
 3. MID PLATE: STAINLESS STEEL
 4. FRONT SHELL: STAINLESS STEEL
 5. EMI PLATE: STAINLESS STEEL
2. PLATING SPECIFICATION:
 - 2-1. 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
 - 2-2. FRONT SHELL:
 - PLATING SPECIFICATIONS FOLLOW THE P/N
 - 2-3. MID 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. 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.
 - 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°C~+85°C.
6. IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

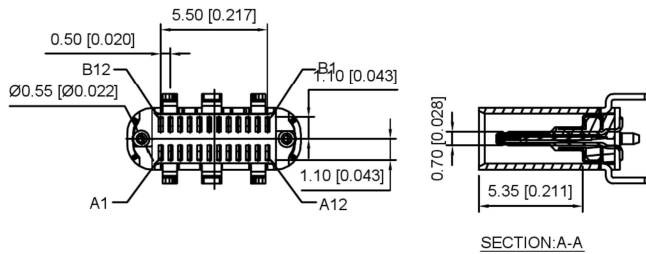


AFTER MATING

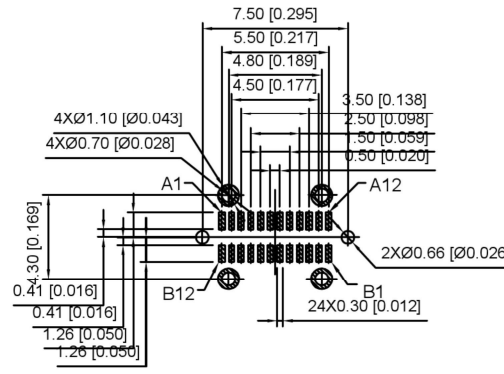


ALL CONTACT XKB

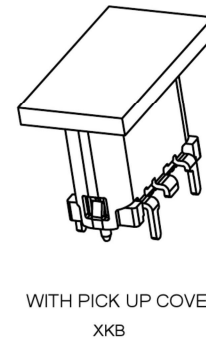
| | | | |
|-----|-------------|-----|-------------|
| A1 | GND | B12 | GND |
| A2 | SSTXP1 | B11 | SSRXP1 |
| A3 | SSTXN1 | B10 | SSRXN1 |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | DP1 | B7 | DN2 |
| A7 | DN1 | B6 | DP2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A10 | SSRXN2 | B3 | SSTXN2 |
| A11 | SSRXP2 | B2 | SSTXP2 |
| A12 | GND | B1 | GND |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |



SECTION: A-A



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ±0.05



WITH PICK UP COVER
XKB

U263-24XN-4BQC01

| | |
|------------|---------|
| 1: Au 1U" | 1: PBT |
| 2: Au 3U" | 2: PA6T |
| 3: Au 15U" | 3: PA9T |
| 4: Au 30U" | 4: LCP |

广东星坤科技股份有限公司

| | |
|------|-------------|
| Δx | 日期 |
| Δx | 日期 |
| Δx | 日期 |
| MARK | DESCRIPTION |

文件工程章

| | |
|------------------------|------|
| ANGLAR | ±5° |
| L ≤ 4 | ±0.2 |
| 4 < L ≤ 16 | ±0.3 |
| 16 < L ≤ 63 | ±0.4 |
| L > 63 | ±0.5 |
| UNSPECIFIED TOLERANCES | |

| | | | | |
|-----------|------|---------|----------|------------------------|
| REVISIONS | DATE | REVISED | APPROVED | UNSPECIFIED TOLERANCES |
|-----------|------|---------|----------|------------------------|

www.helloxkb.com www.helloxkb.cn www.xk-dg.cn

| | | | |
|------|-------------|-------------|------------------|
| DSND | SCALE: N/A | MODEL TYPE: | Type-C 3.1 |
| DWN | VIEW: | PART NO.: | |
| CHKD | UNIT: mm/in | DWG NO.: | U263-24XN-4BQC01 |
| APPD | SIZE: A4 | WEIGHT | SHEET |
| | | 1/1 | REVISION |
| | | | A0 |



XKB INDUSTRIAL PRECISION CO., LIMITED