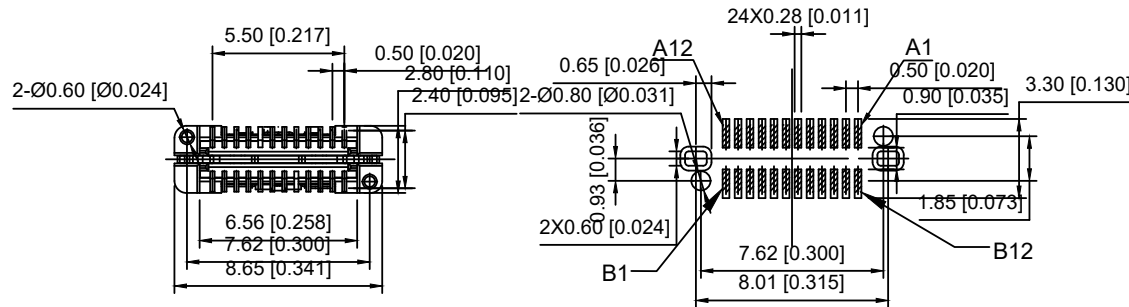
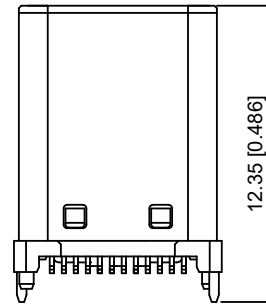
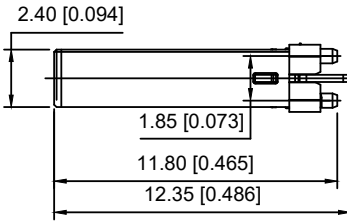
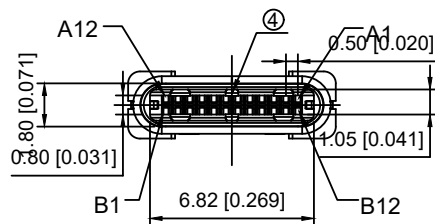
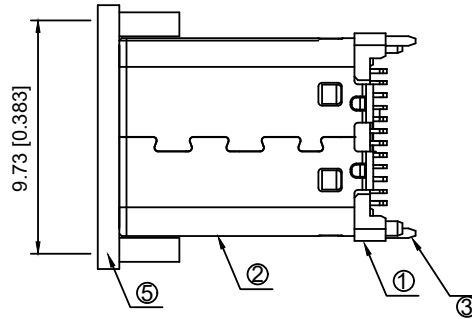
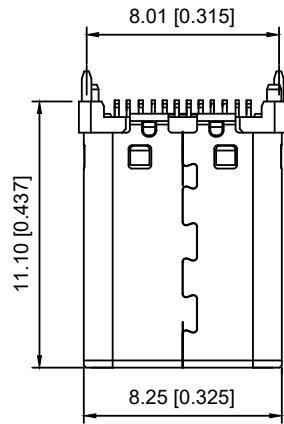




RECOMMENDED PCB LAYOUT(T=0.80±0.05)  
COMPONENT SIDE(GENERAL TOLERANCE:±0.05)

- 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:100V DC/AC (RMS. max)  
CURRENT RATING:3.0A MAX
    - 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: -30°C~+85°C.
  - 6.IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.

|     |             |     |             |
|-----|-------------|-----|-------------|
| 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 |

## U263-241N-4BQC15

W:WHITE  
B:BLACK

1:Au 1U"  
2:Au 3U"  
3:Au 15U"  
4:Au 30U"

1:PBT  
2:PA6T  
3:PA9T  
4:LCP

| Δx                                            |             |      |         |          | ANGLAR   | ±5°  |
|-----------------------------------------------|-------------|------|---------|----------|----------|------|
| Δx                                            |             |      |         |          | L≤ 4     | ±0.2 |
| Δx                                            |             |      |         |          | 4<L≤ 16  | ±0.3 |
| Δx                                            |             |      |         |          | 16<L≤ 63 | ±0.4 |
| MARK                                          | DESCRIPTION | DATE | REVISED | APPROVED | L> 63    | ±0.5 |
| REVISIONS                                     |             |      |         |          |          |      |
| UNSPECIFIED TOLERANCES                        |             |      |         |          |          |      |
| www.helloxkb.com www.helloxkb.cn www.xk-dg.cn |             |      |         |          |          |      |

# XKB

XKB INDUSTRIAL PRECISION CO.,LIMITED

|      |  |             |                             |
|------|--|-------------|-----------------------------|
| DSND |  | SCALE: N/A  | MODEL TYPE: Type-C 3.1      |
| DWN  |  | VIEW:       | PART NO.: U263-241N-4BQC15  |
| CHKD |  | UNIT: mm/in | DWG NO.: X-U263-241N-4BQC15 |
| APPD |  | SIZE: A4    | WEIGHT SHEET REVISION       |
|      |  |             | 1/1 A0                      |