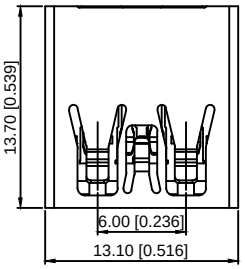


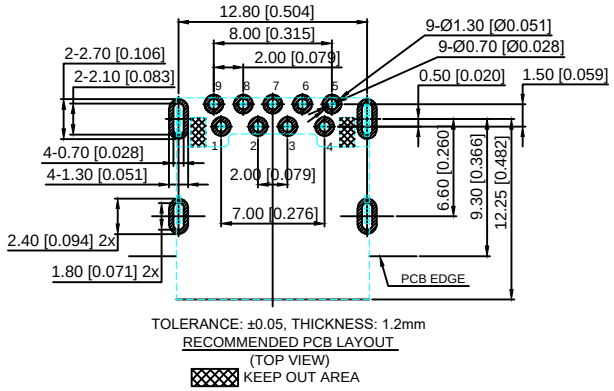


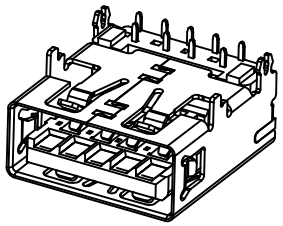

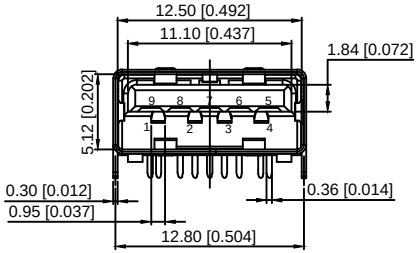


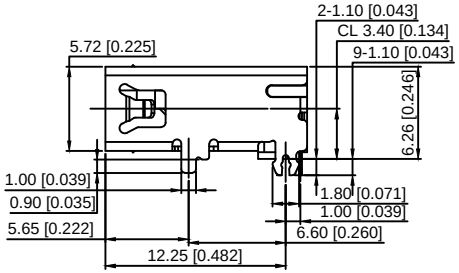


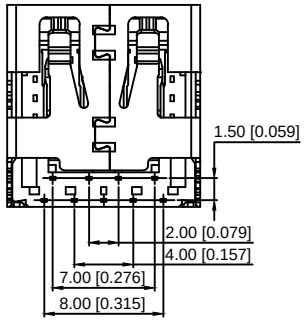


| Pin # | SIGNAL NAME | DESCRIPTION | MATING SEQUENCE |
|---|---|---|---|
| 1 | VBUS | POWER | SECOND |
| 2 | D- | USB 2.0 DIFFERENTIAL PAIR | THIRD |
| 3 | D+ | | |
| 4 | GND | GROUND FOR POWER RETURN | SECOND |
| 5 | StdA_SSRX- | SUPERSPEED RECEIVER DIFFERENTIAL PAIR | LAST |
| 6 | StdA_SSRX+ | | |
| 7 | GND_DRAIN | GROUND FOR SIGNAL RETURN | |
| 8 | StdA_SSTX- | SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR | |
| 9 | StdA_SSTX+ | | |
| Shell | Shield | CONNECTOR METAL SHELL | FRIST |

Material
Housing Material: PA9T, UL94V-0, green/blue
Contact Terminal: Brass
Metallic Shell:Brass
Plating
Underplating: Nickel
Contact Plating: 1μ" Gold
Solder Tail: 100μ" Min. Tin
Metallic Shell: Nickel
Electrical
Voltage Rating: 100 V AC
Current Rating: 0.25A (Signal pins 2,3,5,6,7,8,9) 3A (Power Pins 1,4)
Contact Resistance: 30mΩ Max.
Insulation resistance: 1000MΩ Min.
Dielectric withstanding voltage: 100V AC/Minute
Mechanical
Durability: 1500 cycles
Mating Force: 35N (3.57Kgf) Max
Unmating Force: 10N (1.02Kgf) Min. initial, 8N min after test
Environmental and Processing
Operating Temperature: -40°C to +85°C

U231-09XN-3XRC10
B:BLACK W:WHITE
BL:BLUE G:GREEN
1:Au 1U"
5:Au 15U"
6:Au 30U"

| MARK | DESCRIPTION | DATE | REVISED | APPROVED |
|---|---|---|---|---|
| | | | | |
| ΔX | | | | |
| ΔX | | | | |
| ΔX | | | | |

REVISIONS

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

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

| | | | | | |
|---|---|---|---|---|---|
| DSND | | DATE | | SCALE: N/A | MODEL TYPE: USB 3.0 |
| DWN | | DATE | | VIEW: | PART NO.: |
| CHKD | | DATE | | UNIT: mm/in | DWG NO.: U231-09XN-3XRC10 |
| APPD | | DATE | | SIZE: A4 | |

XKB INDUSTRIAL PRECISION CO.,LIMITED

| WEIGHT | SHEET | REVISION |
|---|---|---|
| 1.0g | 1/1 | A0 |