



RECOMMENDER P.C.B. LAYOUT TOP VIEW
(COMPONENT SIDE TOLERANCE±0.05)

Material
 Housing Material: LCP, UL94V-0, blue
 Contact Terminal: Brass
 Metallic Shell: Spcc
 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) 1.5A (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

| 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 |

U233-09XN-1BLPC15-X1
 1:Au 1U"
 5:Au 15U"
 6:Au 30U"
 S:Scrolls F:Flat

广东星坤科技股份有限公司
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DESCRIPTION

REVISIONS

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

UNSPECIFIED TOLERANCES



| | | | |
|------|--|-------------|----------------------|
| DSND | | SCALE: N/A | MODEL TYPE: USB 3.0 |
| DWN | | VIEW: | PART NO.: |
| CHKD | | UNIT: mm/in | DWG NO.: |
| APPD | | SIZE: A4 | U233-09XN-1BLPC15-X1 |
| | | WEIGHT | SHEET REVISION |
| | | 1/1 | A0 |

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