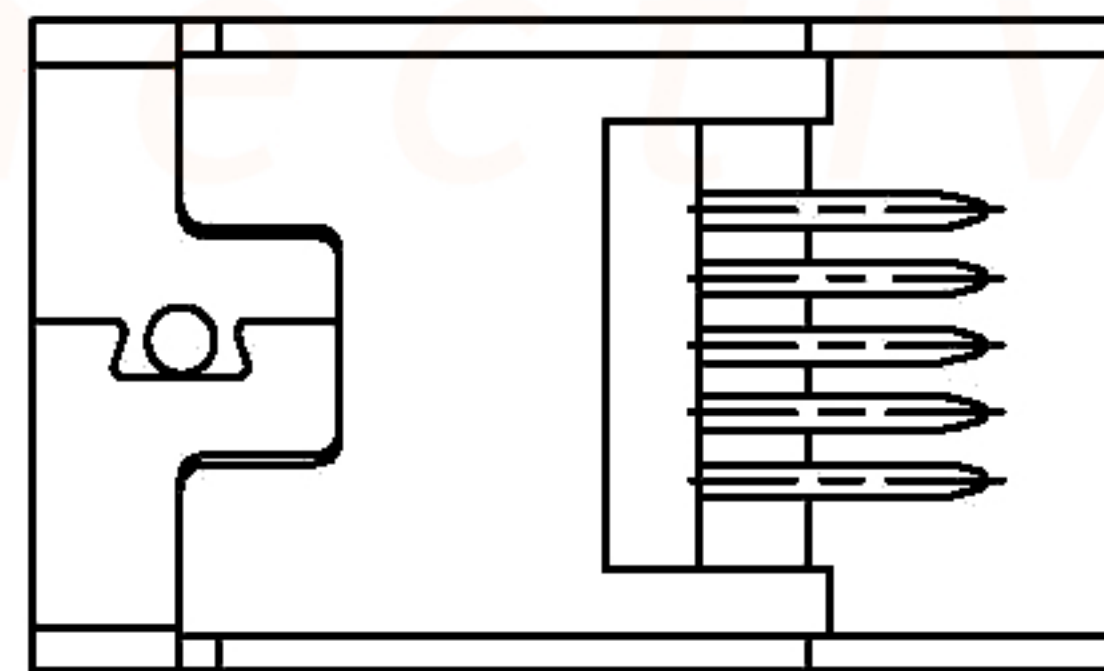


RECOMMENDED PCB LAYOUT



Material
Housing Material: LCP, UL94V-0, black
Contact Terminal: Phosphor bronze, T=0.25mm
Metallic Shell: Brass, T=0.4mm
Plating
Contact Terminal
Underplating: Nickel all over
Contact Plating: 1μ" gold
Solder Tail: Bright Tin
Metallic Shell
Underplating: Nickel 50μ" all over
Metallic Shell: Matte Tin 50μ" all over
Electrical
Voltage Rating: 30VDC
Current Rating: 1A
Contact Resistance: 50mΩ Max
Insulation resistance: 100MΩ Min (Apply 100 VDC)
Dielectric withstanding voltage: No discharge or flash (100V AC is applied for 1 minute)
Mechanical
Durability: 5,000 cycles
Mating Force: 35N (3.57Kgf) Max
Unmating Force: Initial - 7N (0.71KgF) Min., 5001st cycle - 3N (0.31KgF) Min.
Environmental and Processing
Operating Temperature: -50°C to +85°C

U215-05XN-4BP81

1: Au 1U"
6: Au 30U"

| | | | | | |
|---------------------------------------|--|------|--|-------------|-------------------------|
| DSND | | DATE | | SCALE: N/A | MODEL TYPE: MINI USB |
| DWN | | DATE | | VIEW: | PART NO.: |
| CHKD | | DATE | | UNIT: mm/in | DWG NO.: |
| APPD | | DATE | | SIZE: A4 | U215-05XN-4BP81 |
| UNSPECIFIED TOLERANCES | | | | | WEIGHT |
| XKB INDUSTRIAL PRECISION CO., LIMITED | | | | | SHEET |
| | | | | | REVISION |
| | | | | | 1.0g |
| | | | | | 1/1 |
| | | | | | A0 |

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

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

REVISIONS

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