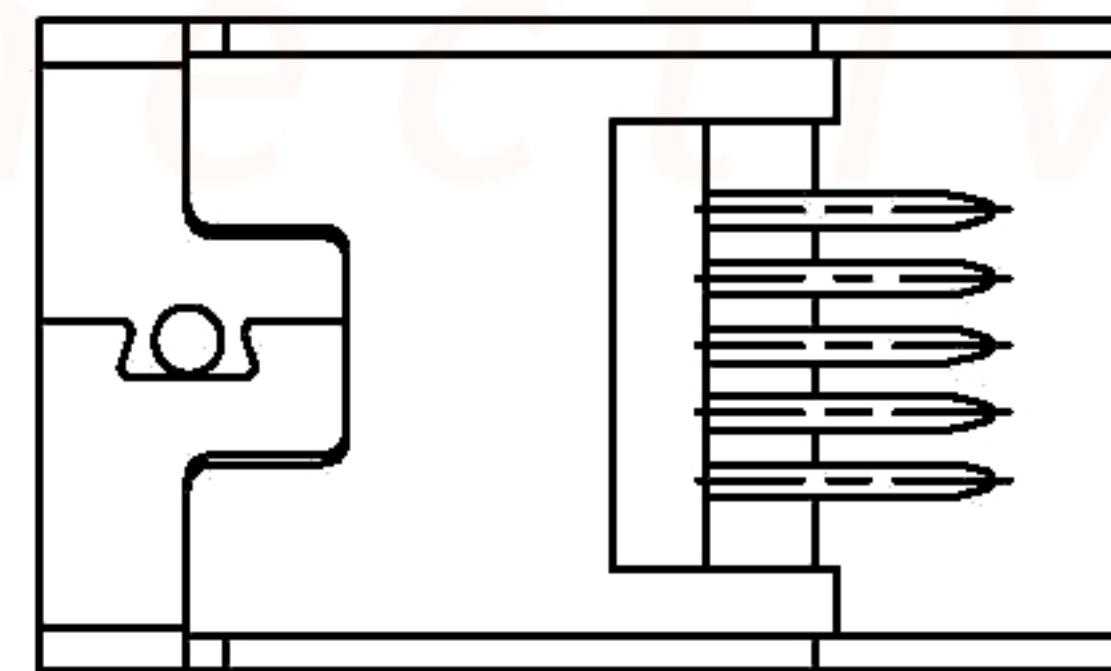


RECOMMENDED PCB LAYOUT



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
					1.0g
					SHEET
					1/1
					REVISION
					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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