



RECOMMENDED PCB LAYOUT

RoHS Compliant

NOTES:

1. THIS CONNECTOR IS MCX RIGHT ANGLE JACK FOR PCB.
2. ELECTRICAL SPEC:
 - 2.1 IMPEDANCE: 50 OHMS NOMINAL.
 - 2.2 FREQUENCY RANGE: 0~6 GHz.
 - 2.3 INSULATION RESISTANCE: 1000 MEGOHMS MIN.
 - 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN.
 - 2.5 CONTACT RESISTANCE
 - 2.5.1 CENTER CONTACT: 5.0 MILLIOHMS MAX.
 - 2.5.2 OUTER CONTACT: 1.0 MILLIOHMS MAX.
3. MECHANICAL SPEC:
 - 3.1 MATING: SNAP-ON COUPLING.
 - 3.2 ENGAGEMENT FORCE: 25 N (5.6 lbs) MAX.
 - 3.3 DISENGAGEMENT FORCE: 4.4 N (1.0 lbs) MIN.
 - 3.4 DURABILITY: 500 CYCLES MIN.
4. TEMPERATURE RANGE: -65°C TO +165°C.
5. UNSPECIFIED TOLERANCE: .XX ±0.25 [0.010]
 .X ±0.30 [0.012]

ITEM	NAME	SPEC.	FINISH	Q'TY
5	SOCKET CONTACT	BERYLLIUM COPPER	GOLD 0.13um MIN OVER NICKEL	1
4	INSULATOR2	PTFE	NONE	1
3	INSULATOR1	PTFE	NONE	1
2	BODY	BRASS	THIN GOLD MIN OVER NICKEL	1
1	JACK BODY	BRASS	THIN GOLD OVER NICKEL	1

XMULTIPLE		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu, Taipei, Taiwan 11475		XMULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		G/NO:	
TITLE: MCX RA JACK FOR PCB		DWG NO: XRF-M3-4P2-CAA-K01	
PART NO: XRF-M3-4P2-CAA-K01		DRAWN: TOM	
		UNIT	SHEET
		mm [Inch]	1 of 1
		REV	DATE
		01	Jan.25,08

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