



NOTES:

1. THIS CONNECTOR IS MCX RIGHT ANGLE PLUG FOR RG-178/U.
2. ITEMS ⑤⑥⑦ ARE SHIPPED UNASSEMBLED.
3. ELECTRICAL SPEC:
  - 3.1 IMPEDANCE: 50 OHMS NOMINAL.
  - 3.2 FREQUENCY RANGE: 0~6 GHz.
  - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS.
  - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN.
  - 3.5 CONTACT RESISTANCE:
    - 3.5.1 CENTER CONTACT: 5.0 MILLIOHMS MAX.
    - 3.5.2 OUTER CONTACT: 1.0 MILLIOHMS MAX.
4. MECHANICAL AND ENVIRONMENTAL SPEC:
  - 4.1 MATING: SNAP-ON COUPLING.
  - 4.2 ENGAGEMENT FORCE: 4.5 lbs (2.04kgf) MAX.
  - 4.3 DISENGAGEMENT FORCE: 1.0 lbs(0.45kgf) MIN.
  - 4.4 DURABILITY: 500 CYCLES MIN.
  - 4.4 TEMPERATURE RANGE: -65°C TO +165°C.
5. UNSPECIFIED TOLERANCE: .XX ±0.25 [0.010]  
.X ±0.30 [0.012]

RoHS Compliant

ITEM	NAME	SPEC.	FINISH	Q'TY
7	FERRULE	BRASS	THIN GOLD OVER NICKEL	1
6	CAP	BRASS	THIN GOLD OVER NICKEL	1
5	DIELECTRIC	PTFE	NONE	1
4	PIN	BRASS	GOLD 0.13 $\mu$ m MIN OVER NICKEL	1
3	INSULATOR	PTFE	NONE	1
2	BODY	BERYLLIUM COPPER	THIN GOLD OVER NICKEL	1
1	MAIN BODY	BRASS	THIN GOLD OVER NICKEL	1

X MULTIPLE				CONNECTING THE INFORMATION AGE
X MULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu, Taipei, Taiwan 11475		X MULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065		G/NO:
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWG NO: XRF-M3-3R8-BAA-K02
TITLE: MCX RA PLUG				DRAWN: TQM
PART NO: XRF-M3-3R8-BAA-K02				CHKD: JEFF
	UNIT mm [Inch]	SHEET 1 of 1	REV 01	DATE: Jan.24,08