



NOTES:

1. THIS CONNECTOR IS MMCX PLUG FOR RG-174/U&RG-316/U.
2. ITEMS ⑤ ⑥ ARE SHIPPED UNASSEMBLED.
3. ELECTRICAL SPEC:
  - 3.1 IMPEDANCE: 50 OHMS NOMINAL.
  - 3.2 FREQUENCY RANGE: 0~3.0 GHz.
  - 3.3 INSULATION RESISTANCE: 1000 MEGOHMS MIN.
  - 3.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS.
  - 3.5 CONTACT RESISTANCE
    - 3.5.1 CENTER CONTACT: 5.0 MILLIOHMS MAX.
    - 3.5.2 OUTER CONTACT: 1.0 MILLIOHMS MAX.
4. MECHANICAL SPEC:
  - 4.1 COUPLING METHOD: SNAP-ON.
  - 4.2 DURABILITY: 500 CYCLES MIN.
  - 4.3 ENGAGEMENT FORCE: 2.54 kgf (5.6 lbs) MAX.
  - 4.4 DISENGAGEMENT FORCE: 0.45 kgf (1.0 lbs) MIN.
5. ENVIRONMENTAL SPEC:
  - 5.1 TEMPERATURE RANGE: -65°C TO +165°C.
6. UNSPECIFIED TOLERANCE: .XX ±0.25 [0.010]  
.X ±0.30 [0.012]

RECOMMENDED CABLE STRIPPING DIM

RoHS Compliant

ITEM	NAME	SPEC.	FINISH	Q'TY
6	FERRULE	BRASS	THIN GOLD OVER NICKEL	1
5	PIN CONTACT	BRASS	GOLD 0.13um MIN OVER NICKEL	1
4	GUIDE PIECE	BRASS	THIN GOLD OVER NICKEL	1
3	INSULATOR	PTFE	NONE	1
2	C RING	BERYLLIUM COPPER	THIN GOLD OVER NICKEL	1
1	PLUG BODY	BRASS	THIN GOLD OVER NICKEL	1

						XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu, Taipei, Taiwan 11475
THIS DRAWING IS A CONTROLLED DOCUMENT.						G/NO:
TITLE: MMCX PLUG					DWG NO: XRF-M1-1RC-CAA-K02	
PART NO: XRF-M1-1RC-CAA-K02					DRAWN: IVAN	
				UNIT: mm [Inch]	SHEET: 1 of 1	
				REV: 01	DATE: Jan.28,08	