



RECOMMENDED CABLE STRIP DIMENSIONS

NOTES:

1. THIS CONNECTOR IS MMCX PLUG FOR RG-178/U.
2. ITEMS ⑤ ⑥ ARE SHIPPED UNASSEMBLED.
3. ELECTRICAL SPEC:
  - 3.1 IMPEDANCE: 50 OHMS NOMINAL.
  - 3.2 FREQUENCY RANGE: 0~6 GHz.
  - 3.3 INSULATION RESISTANCE: 500 MEGOHMS MIN.
  - 3.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MAX.
  - 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 MATING: SNAP-ON.
  - 4.2 VIBRATION: 100 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]

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	COVER	BRASS	THIN GOLD OVER NICKEL	1
3	INSULATOR	PTFE	NONE	1
2	BODY	BRASS	THIN GOLD OVER NICKEL	1
1	RING	BERYLLIUM COPPER	THIN GOLD OVER NICKEL	1

		<small>CONNECTING THE INFORMATION AGE</small>	
<small>XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu, Taipei, Taiwan 11475</small>		<small>XMULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065</small>	
THIS DRAWING IS A CONTROLLED DOCUMENT.		<small>G/NO:</small>	
<small>TITLE:</small> MMCX PULG FOR RG-178/u		<small>DWG NO:</small> XRF-MI-1R8-CAA-K01	
<small>PART NO:</small> XRF-M1-1R8-CAA-K01		<small>DRAWN:</small> IVAN	
		<small>UNIT:</small> mm[Inch]	<small>SHEET:</small> 1 of 1
		<small>REVISION:</small> 01	<small>DATE:</small> Jan.28,08

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F