



NOTES:

1. THIS CONNECTOR IS MCX PLUG FOR LMR-195 CABLE.
2. ITEMS ⑥ ⑦ ARE SHIPPED UNASSEMBLED.
3. ELECTRICAL SPEC:
 - 3.1 IMPEDANCE: 50 OHMS NOMINAL.
 - 3.2 FREQUENCY RANGE: 0~6 GHz.
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: 750 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 SPEC:
 - 4.1 MATING: SNAP-ON COUPLING.
 - 4.2 ENGAGEMENT FORCE: 2.54 kgf (5.6 lbs) MAX.
 - 4.3 DISENGAGEMENT FORCE: 0.45 kgf (1.0 lbs) MIN.
 - 4.3 DURABILITY: 500 CYCLES MIN.
5. UNSPECIFIED TOLERANCE: .XX ±0.25 [0.010]
.X ±0.30 [0.012]

RoHS Compliant

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

XMULTIPLE		CONNECTING THE INFORMATION AGE	
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THIS DRAWING IS A CONTROLLED DOCUMENT.			G/NO:
TITLE: MCX PLUG FOR LMR-195			DWG NO: XRF-M3-3L1-BAA-K01
PART NO: XRF-M3-3L1-BAA-K01			DRAWN: TJM
UNIT: mm [Inch]			CHKD: JEFF
SHEET: 1 of 1			DATE: Jan.25,08
REV: 01			