



DIM.	Min.	Max.
A	0.48(.019)	0.53(.021)
B	2.00(.079)	2.07(.081)
C	3.63(.144)	3.76(.148)
D	0.00	0.30(.012)
E	2.81(.111)	3.20(.126)
F	2.80(.110)	3.20(.126)
G	4.15(.163)	-

Interface Mating Dimensions

No.	DESCRIPTION	MATERIAL	FINISH	Q'TY
1	BODY	BRASS	GOLD PLATED	1
2	CONTACT	BRASS	GOLD PLATED	1
3	INSULATOR	TEFLON	-	1
4	INSULATOR	TEFLON	-	1
5	COVER	BRASS	GOLD PLATED	1
6	FERRULE	BRASS	GOLD PLATED	1

Specifications:

Electrical

Impedance: 50Ω  
 Frequency Range: 0-6 GHz  
 Working Voltage: 335 VRMS Max.  
 Dielectric Withstanding Voltage: 1000 VRMS Min.  
 VSWR: 1.5 Max.  
 Contact Resistance  
 Center contact: 5mΩ Max.  
 Outer Contact: 2.5mΩ Max.  
 Insulator Resistance: 1000MΩ Min.

Mechanical & Environmental

Engagement Force: 3.4 lbs. Max.  
 Disengagement Force: 4.5 lbs. Max.  
 Contact Retention: 4 lbs. Min.  
 Durability (Mating): 500 cycles Min.  
 Temperature Range: -65°C to 155°C  
 Vibration: 3 cycles, 3 opposite directions, 10-150 Hz  
 10-60 Hz: 0.75mm/0.030 in., 60-150 Hz 10G's  
 Thermal Shock: MIL-STD-202 Method 107  
 Humidity: MIL-STD-202 Method 103 Test Cond.B  
 Mechanical Shock: MIL-STD-202 Method 213 Test Cond.B

RoHS Compliant

SYM	NAME	DATE	REVISIONS	APPROVED BY:	DATE	UNIT: mm / inch	TITLE: MCX SERIES RIGHT ANGLE CABLE CRIMP TYPE PLUG CONN.	MATERIAL:	FINISH:	DRAWING NO.	PART NO.	SCALE	SHEET	OF	1
4															
3															
2															
1															

