

DIM.	Min.	Max.
A	0.00	0.38(.015)
B	0.90(.035)	0.94(.037)
C	4.53(.178)	4.59(.181)
D	6.35(.250)	6.73(.265)
E	1.24(.049)	1.30(.051)
F	2.54(.100)	3.43(.135)
G	0.00	0.25(.010)
H	0.00	0.25(.010)
J	1.91(.075)	2.54(.100)

Interface Mating Dimensions

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

Specifications:

Electrical

Impedance: 50Ω

Frequency Range

0-12.4 GHz on Flexible cable

0-18.0 GHz on Semi-rigid cable

Working Voltage: 250 VRMS Max.

Dielectric Withstanding Voltage: 750 VRMS Min.

VSWR: 1.5 Max.

Contact Resistance

Center contact: 6mΩ Max.

Outer Contact: 2mΩ Max.

Insulator Resistance: 5000MΩ Min.

Mechanical & Environmental

Engagement Force: 2 in-lbs. Max.

Disengagement Force: 2 in-lbs. Max.

Coupling Nut Retention: 60 lbs. Min.

Coupling Proof Retention: 15 in-lbs. Min.

Contact Retention: 6 lbs. Min.

Durability (Mating): 500 cycles Min.

Temperature Range: -65°C to 165°C

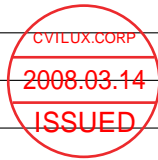
Vibration: MIL-STD-202 Method 204 Test Cond.B

Salt Spray: MIL-STD-202 Method 101 Test Cond.B

Thermal Shock: MIL-STD-202 Method 107 Test Cond.B

RoHS Compliant

SYM	NAME	DATE	REVISIONS	APPROVED BY:	DATE	UNIT: mm / inch	TOLERANCE UNLESS OTHERWISE SPECIFIED	FINISH:	DRAWING NO.	PART NO.	SHEET	OF	1
4													
3													
2													
1													



 2008.03.14
 ISSUED


 瀚荃股份有限公司
 CviLux Corporation

TITLE: SMA SERIES RIGHT ANGLE
 CABLE CRIMP TYPE PLUG CONN.
 MATERIAL:
 FINISH:

DRAWING NO. **CR0102SA** PART NO. **CR01P02225000**
 SCALE 3 / 1 SHEET 1 OF 1