

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE	—	07/08/12	M. Dong

## TECHNICAL DATA

### Electrical

Impedance	50 $\Omega$
Frequency range	0~27 GHz
VSWR	1.10:1 (DC to 18GHz) 1.15:1 (18GHz to 27GHz)

Contact resistance	
-centre contact	$\leq 3m\Omega$
-outer contact	$\leq 2m\Omega$
Insulation resistance	$\geq 5000M\Omega$

### Mechanical & Environmental

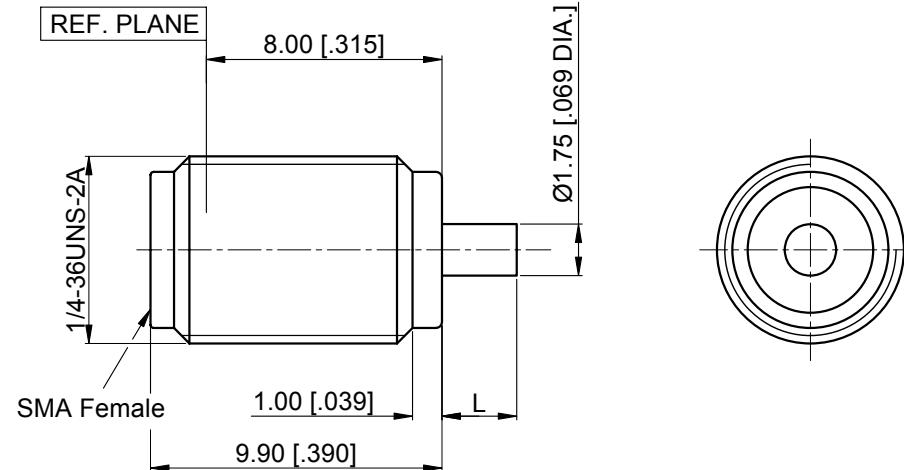
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

### Material & Finish

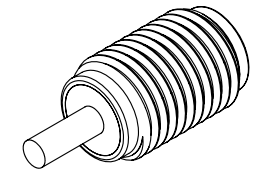
Body	Stainless Steel (SU303), Passivated
Pin Contact	Beryllium Copper Alloy, Gold-plated
Insulator	PTFE

### Interface Standards

SMA	MIL-STD-348A
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Part Number	L
C14215062A	2.54 [.100]
C14215062B	4.7 [.185]



#### NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.

DRAWN:	W. Shen	07/08/12
CHECKED:	K. Liu	07/08/12
APPROVED:	M. Dong	07/08/12
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES] UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:		
	.XX	$\pm 0.13$ [.005"]
	X	$\pm 0.20$ [.008"]
	X	$\pm 0.50$ [.019"]
ANGULAR TOLERANCES ARE: ALL $\pm 1^\circ$		

TITLE:

SMA Straight Female,  
Bulkhead Thread in,  
Coaxial End

**CONNORV**<sup>®</sup>  
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PART No.:  
**C14215062**

DO NOT SCALE  
DRAWING

PROJECTION:

SIZE:  
A4

SCALE:  
4:1

SHEET:  
1/1

REV:  
A