

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE		02/08/12	M. Dong

TECHNICAL DATA

Electrical

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

Contact resistance

-centre contact	≤3mΩ
-outer contact	≤2mΩ

Insulation resistance ≥5000MΩ

Mechanical & Environmental

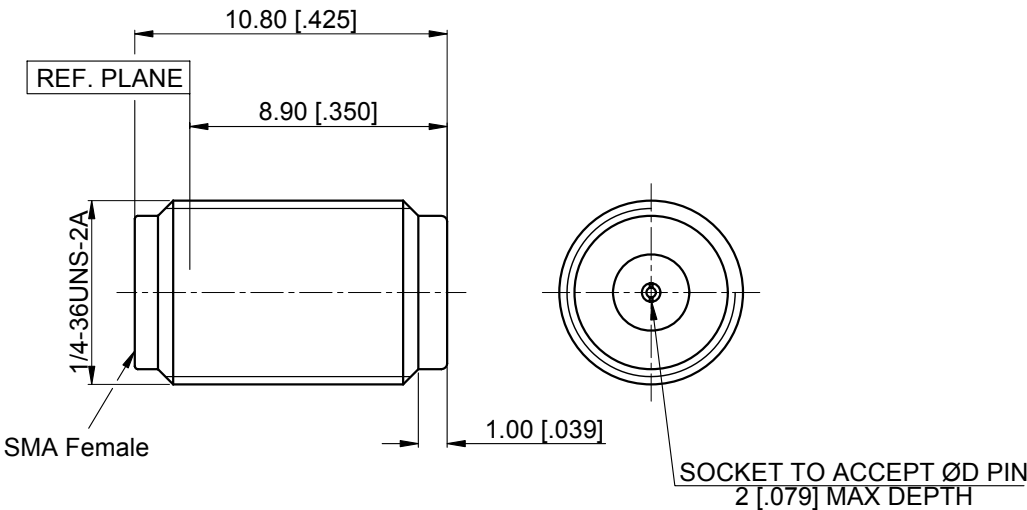
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

Material & Finish

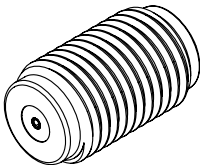
Body	Stainless Steel (SU303), Passivated
Pin Contact	Beryllium Copper Alloy,Gold-plated
Insulator	PTFE

Interface Standards

SMA	MIL-STD-348A
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Part Number	ØD PIN
C14215009A	0.23 [.009]
C14215009B	0.30 [.012]
C14215009C	0.38 [.015]
C14215009D	0.46 [.018]
C14215009E	0.51 [.020]



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

DRAWN: W. Shen 02/08/12 CHECKED: K. Liu 02/08/12 APPROVED: M. Dong 02/08/12	TITLE: SMA Straight Female, Bulkhead Thread in, Accept Pin	 www.connov.com
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE: .XX ±0.13 [.005"] .X ±0.20 [.008"] X ±0.50 [.019"] ANGULAR TOLERANCES ARE: ALL=±1°	DO NOT SCALE DRAWING	PROJECTION: 
PART No.: C14215009	SIZE: A4	SCALE: 4:1 SHEET: 1/1 REV: A