

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	$\leq 3\text{m}\Omega$
-outer contact	$\leq 2\text{m}\Omega$
Insulation resistance	$\geq 5000\text{M}\Omega$

Mechanical & Environmental

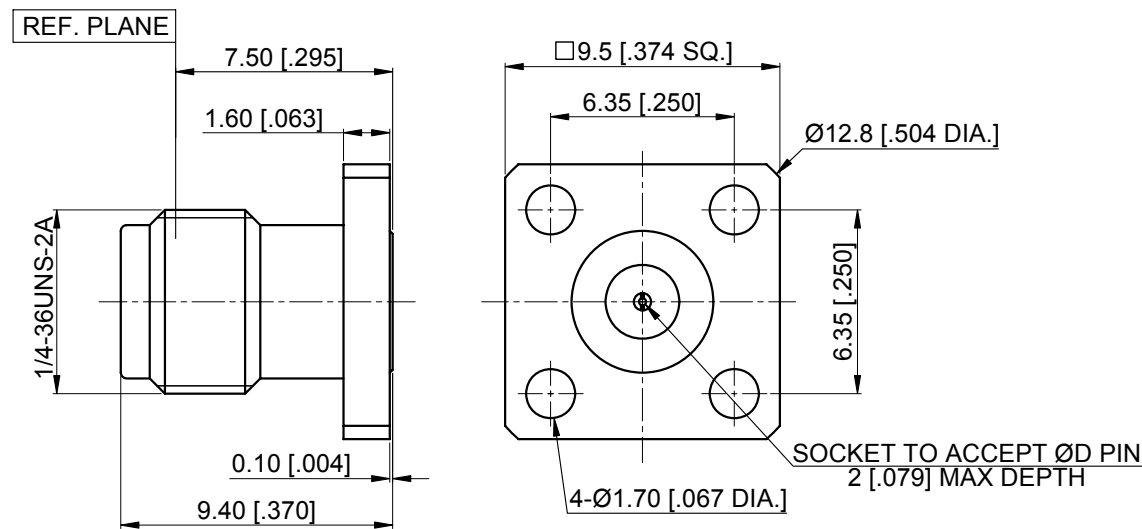
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

Material & Finish

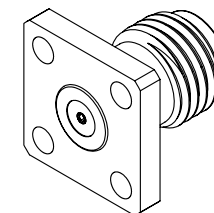
Body	Stainless Steel (SU303), Passivated
Pin Contact	Beryllium Copper Alloy, Gold-plated
Insulator	PTFE

Interface Standards

SMA	MIL-STD-348A
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Part Number	ØD PIN
C14214002A	0.23 [.009]
C14214002B	0.30 [.012]
C14214002C	0.38 [.015]
C14214002D	0.46 [.018]
C14214002E	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	TITLE: SMA Straight Female, 4 Hole Flange, Accept Pin		 www.connov.com			
CHECKED:	K. Liu	02/08/12						
APPROVED:	M. Dong	02/08/12			PART No.: C14214002			
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 $\pm 1^\circ$			DO NOT SCALE DRAWING	PROJECTION: 	SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A