

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

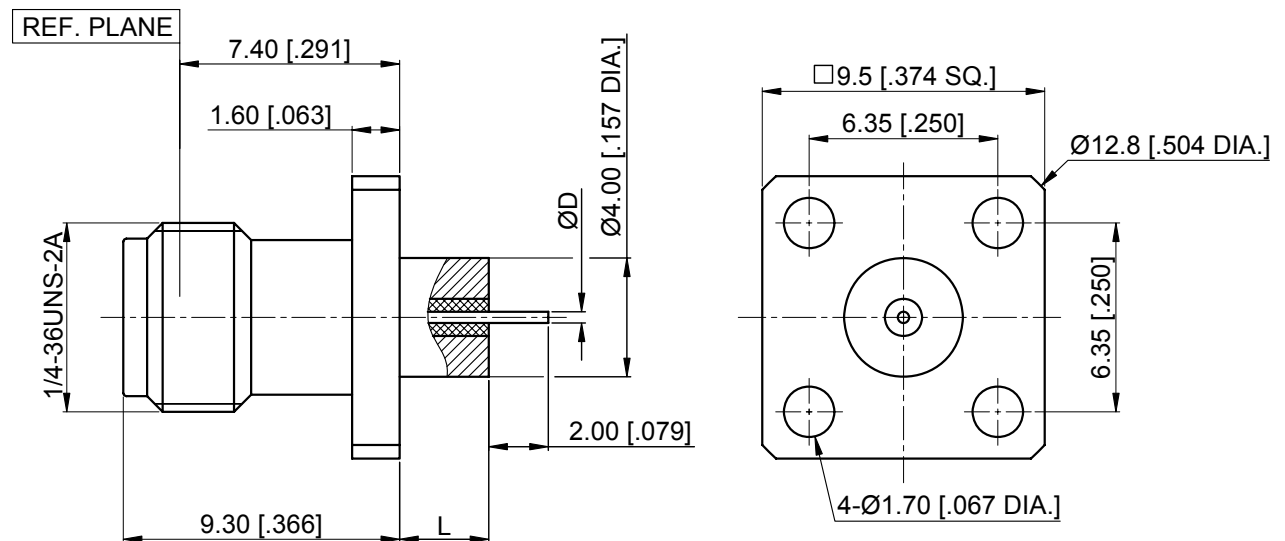
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

Material & Finish

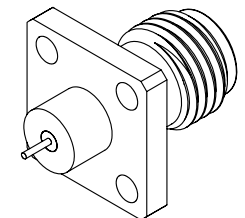
Body	Stainless Steel (SU303), Passivated
Pin Contact	Beryllium Copper Alloy, Gold-plated
Insulator	PTFE

Interface Standards

SMA	MIL-STD-348A
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Part Number	ØD	L
C14214017A	0.80 [.031]	4 [.157]
C14214017B	0.38 [.015]	3 [.118]



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
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 $\pm 1^\circ$		

TITLE:

SMA Straight Female,
4 Hole Flange,
Metal Through the Wall

DO NOT SCALE
DRAWING

PROJECTION:

CONNORV
www.connorv.com

PART No.:
C14214017

SIZE: A4 SCALE: 4:1 SHEET: 1/1 REV: A