

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE		03/08/12	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

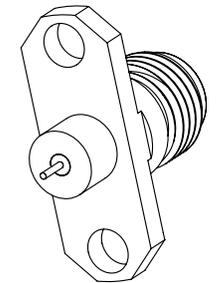
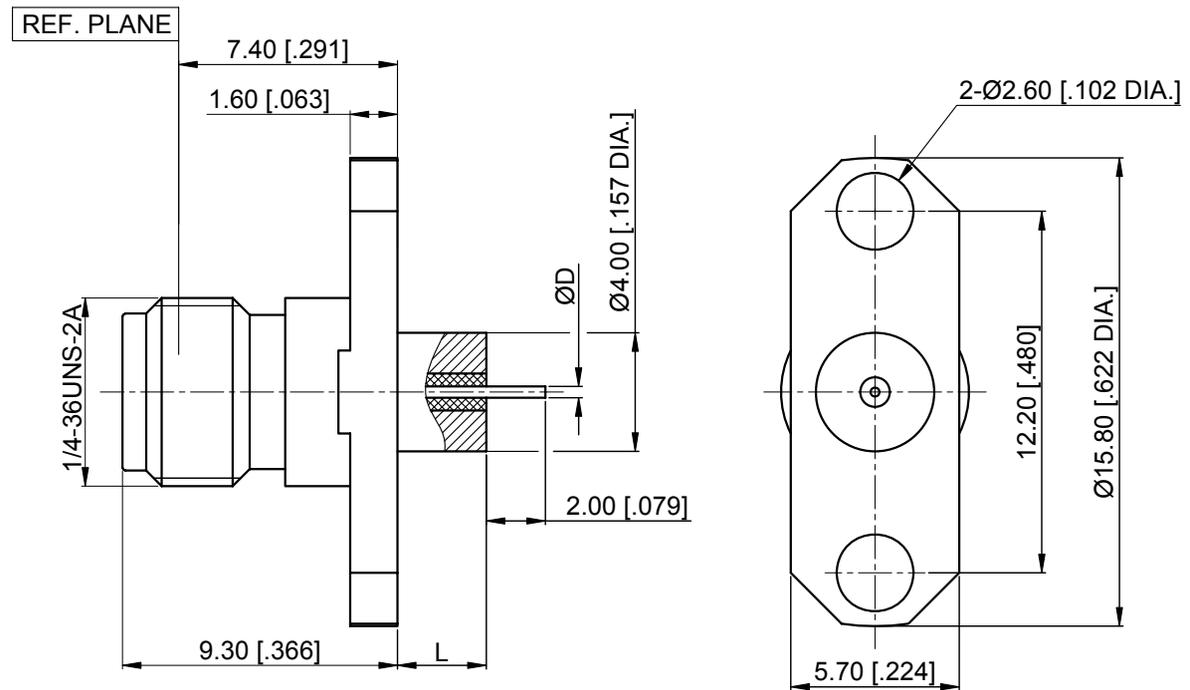
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

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	L
C14214020A	0.80 [.031]	4 [.157]
C14214020B	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	03/08/12
CHECKED:	K. Liu	03/08/12
APPROVED:	M. Dong	03/08/12
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=±1°		

TITLE:

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

DO NOT SCALE
DRAWING

PROJECTION:

CONNOR[®]
www.connor.com

PART No.:

C14214020

SIZE:
A4

SCALE:
4:1

SHEET:
1/1

REV:
A