

REVISIONS				
REV	DESCRIPTION OF REVISION	ECN No.	DATE	APPROVED
A	INITIAL RELEASE		04/08/12	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

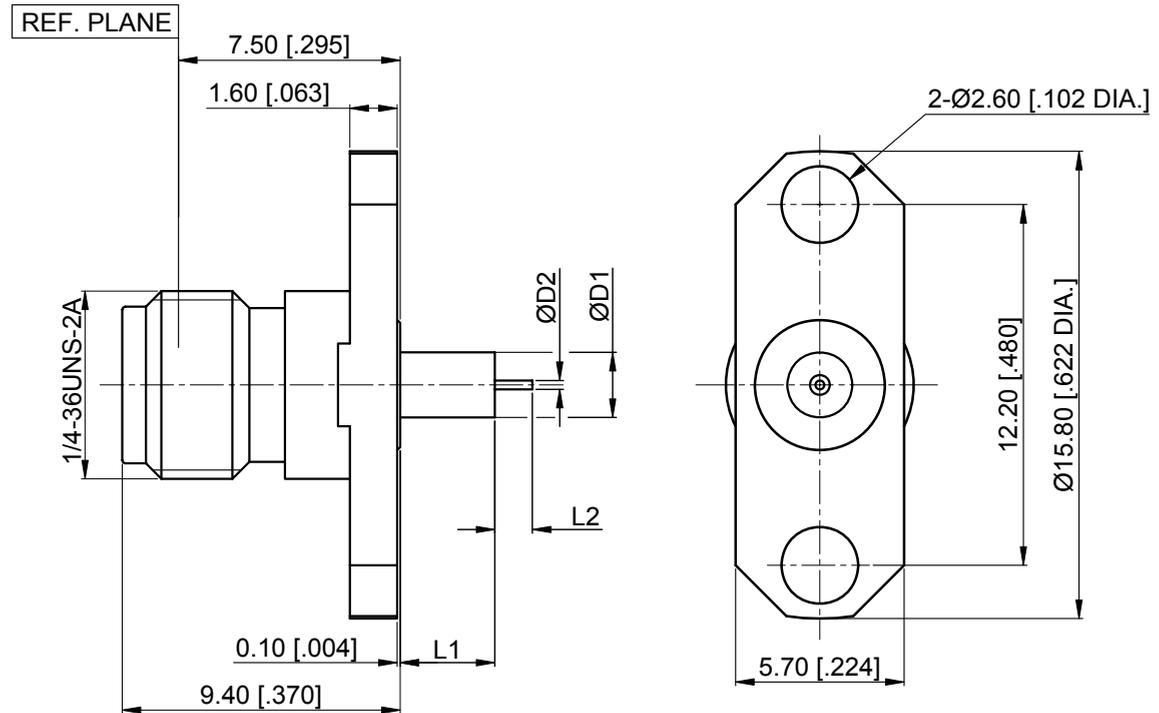
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

Material & Finish

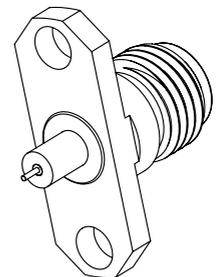
Body	Stainless Steel (SU303), Passivated
Pin Contact	Beryllium Copper Alloy, Gold-plated
Insulator	PTFE

Interface Standards

SMA	MIL-STD-348A
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Part Number	ØD1	ØD2	L1	L2
C14214043A	2.2 [.087]	0.30 [.012]	3.2 [.126]	1.27 [.050]
C14214043B	3.9 [.154]	0.64 [.025]	15 [.591]	3 [.118]
C14214043C	2.1 [.083]	0.64 [.025]	15 [.591]	3 [.118]



NOTES:

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

DRAWN:	W. Shen	04/08/12
CHECKED:	K. Liu	04/08/12
APPROVED:	M. Dong	04/08/12

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,
Insulator Through the Wall

DO NOT SCALE
DRAWING

PROJECTION:

 www.connor.com			
SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A