

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

## TECHNICAL DATA

### Electrical

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

### Contact resistance

-centre contact	$\leq 3m\Omega$
-outer contact	$\leq 2m\Omega$

Insulation resistance  $\geq 5000M\Omega$

### Mechanical & Environmental

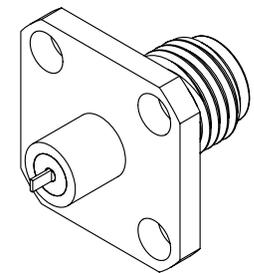
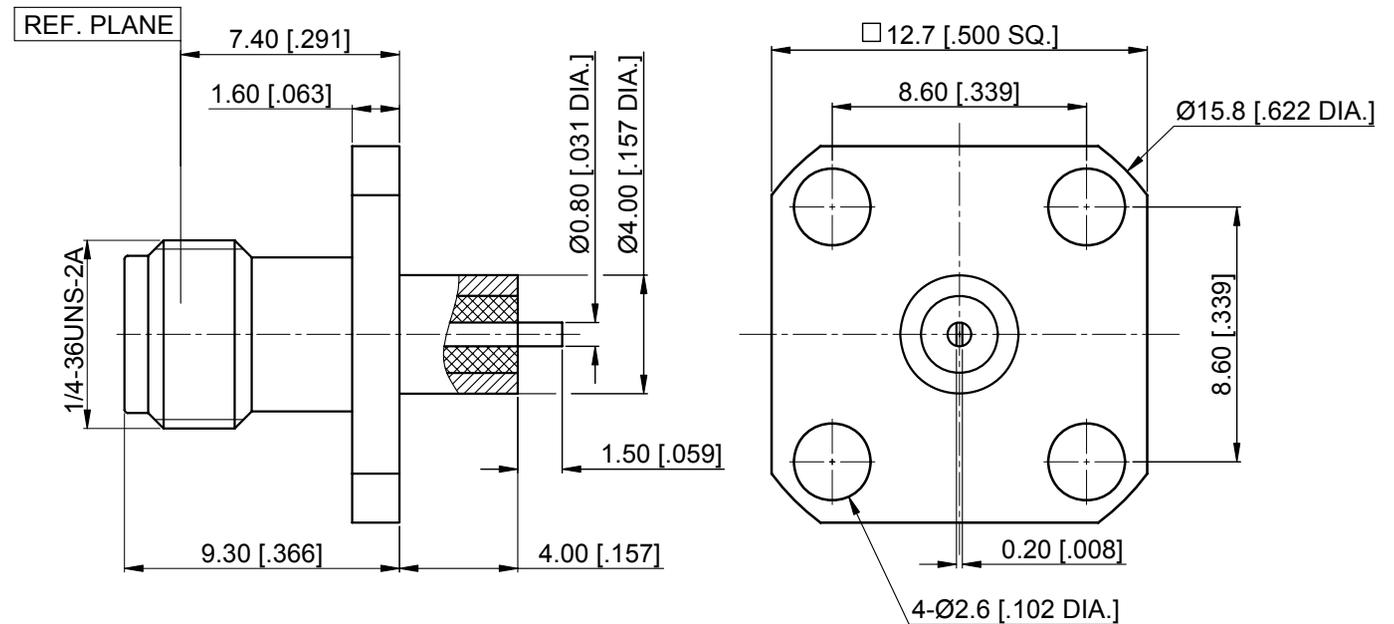
Durability (matings)	>500
Temperature range	-55 °C ~ +165 °C
RoHS Compliant	Yes

### 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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### 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	$\pm 0.13$ [.005"]	
.X	$\pm 0.20$ [.008"]	
X	$\pm 0.50$ [.019"]	
ANGULAR TOLERANCES ARE: ALL $\pm 1^\circ$		

### TITLE:

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

DO NOT SCALE  
DRAWING

PROJECTION:

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