

REV	DESCRIPTION OF REVISION	ECN No.	BY	DATE	APPROVED
A	INITIAL RELEASE	—	H. Xiao	03/03/11	M. Dong

TECHNICAL DATA

■ Electrical data

Impedance	50 Ω
Frequency range	0~27 GHz
VSWR	1.10:1 (0~18GHz) 1.15:1 (18GHz~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 data

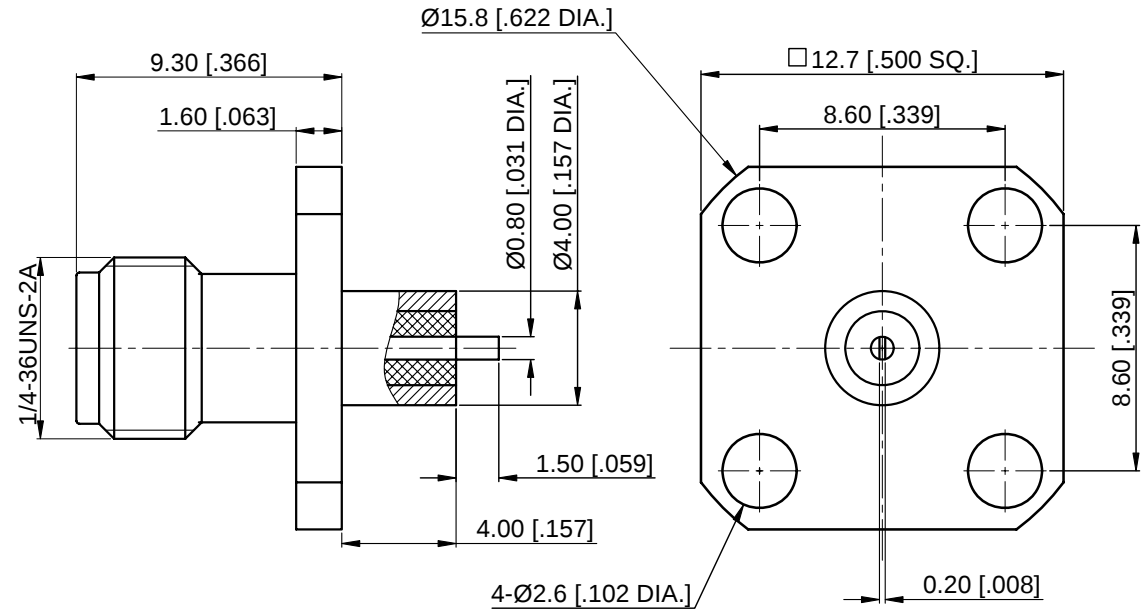
Temperature range	-55 °C ~ +165 °C
Durability (matings)	>500

■ Material data

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

■ Interface Standards

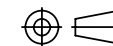
SMA	MIL-STD-348A
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NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: H. Xiao 03/03/11	TITLE: SMA Straight Female, Metal Through the Wall, 4 Hole Flange	 www.cmpter.com			
ENGINEER: YF. Zhu 03/03/11		 DIMENSIONS IN MILLIMETERS (mm)			
APPROVED: M. Dong 03/03/11					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
X ±0.50 [.019"] .X ±0.20 [.008"] .XX ±0.10 [.004"] ANGLES ±1°					
PART No.: 60-02-9F6-098	SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A	



DIMENSIONS IN MILLIMETERS (mm)