

REV	DESCRIPTION OF REVISION	ECN No.	BY	DATE	APPROVED
A	INITIAL RELEASE	—	H. Xiao	03/08/11	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

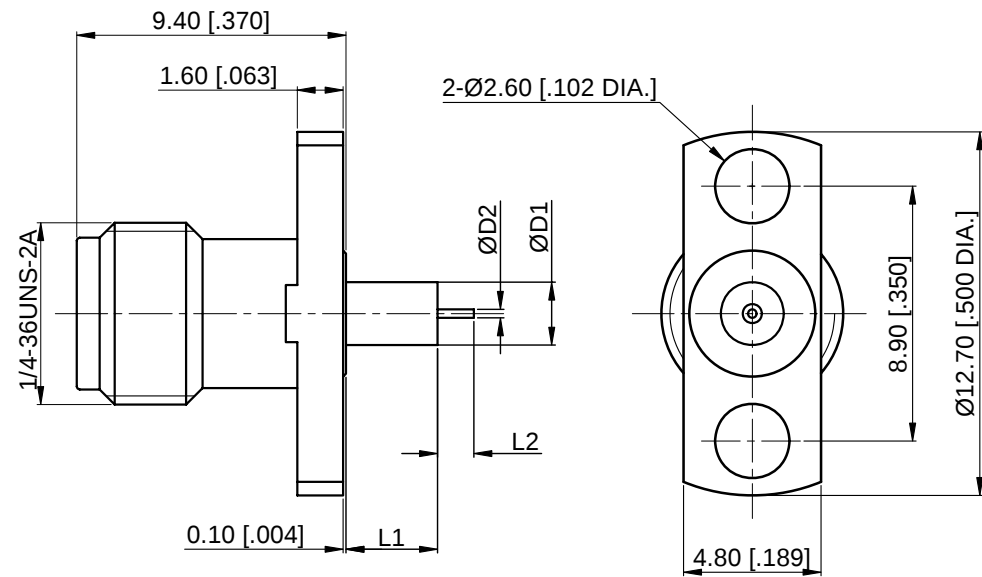
Temperature range	-55 °C ~ +165 °C
Durability (matings)	>500

■ Material data

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

■ Interface Standards

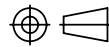
SMA	MIL-STD-348A
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Part Number	ØD1	ØD2	L1	L2
60-02-9E2-119A	2.2 [.087]	0.30 [.012]	3.2 [.126]	1.27 [.050]
60-02-9E2-119B	2.1 [.083]	0.64 [.025]	15 [.591]	3 [.118]

NOTES:

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

DRAWN: H. Xiao 03/08/11	TITLE: SMA Straight Female, Insulator Through the Wall, 2 Hole Flange	 www.cmpter.com			
ENGINEER: YF. Zhu 03/08/11					
APPROVED: M. Dong 03/08/11		 DIMENSIONS IN MILLIMETERS (mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED X ± 0.50 [.019"] .X ± 0.20 [.008"] .XX ± 0.10 [.004"] ANGLES $\pm 1^\circ$	PART No.: 60-02-9E2-119	SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A