

REV	DESCRIPTION OF REVISION	ECN No.	BY	DATE	APPROVED
A	INITIAL RELEASE	—	H. Xiao	4/12/11	M. Dong

TECHNICAL DATA

■ Electrical data

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

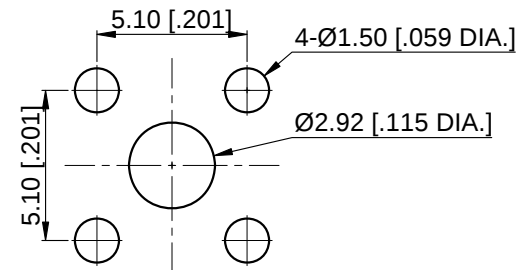
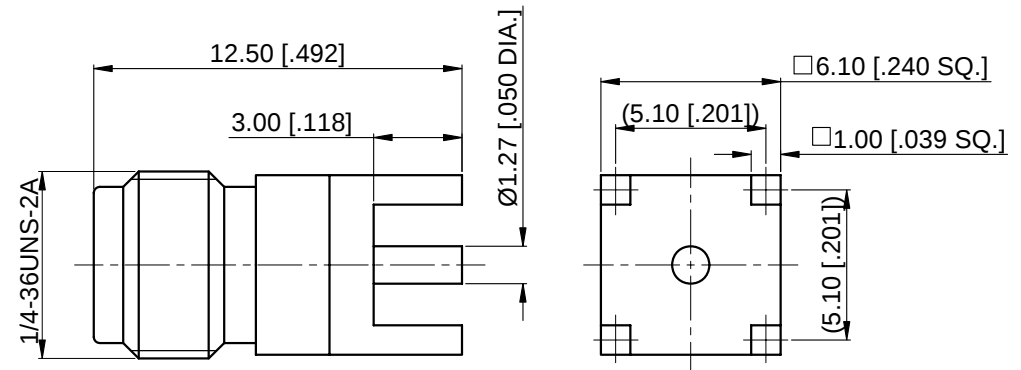
Temperature range	-55 °C ~ +165 °C
Durability (matings)	>500

■ Material data

Body	Brass, Gold-plated
Pin Contact	Beryllium Copper Alloy, Gold-plated
Insulator	PEI, PTFE

■ Interface Standards

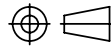
SMA	MIL-STD-348A
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Recommended Mounting Hole

NOTES:

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

DRAWN: H. Xiao 4/12/11	TITLE: SMA Straight Female, PCB Mount	 www.cmppter.com			
ENGINEER: YF. Zhu 4/12/11					
APPROVED: M. Dong 4/12/11		 DIMENSIONS IN MILLIMETERS (mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.: 60-02-5M2-137	SIZE: A4	SCALE: 4:1	SHEET: 1/1	REV: A

X	±0.50	[.019"]
.X	±0.20	[.008"]
.XX	±0.10	[.004"]
ANGLES	±1°	