

ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 43104	02/17	MAL

Technical drawing of SMA Jack PCB Mount showing side and top views with dimensions.

Side View Dimensions:

- Overall Length: .530 [13.46]
- Body Length: .155±.010 [3.92±0.25]
- Thread: 1/4-36 UNS-2A
- Central Hole Diameter: Ø.051 [1.28]
- Feature: EPOXY CAPTIVATED

Top View Dimensions:

- Overall Width: .250 [6.35]
- Distance from Center to Edge: 2x .200 [5.08]

MATERIAL:

BODY: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 0.76; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN

PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 18.0 GHz

DWV: 1000 VRMS

NOTES:

- FOR RECOMMENDED FOOTPRINT TO YOUR SPECIFIC PCB, CONTACT SV MICROWAVE SALES DEPARTMENT (sales@svmicro.com, 561-840-1800)
- TO BE TIN DIPPED USING Sn96 SOLDER
- ALL DIMENSIONS APPLY PRIOR TO SOLDER DIPPING

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15' DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	UNLESS OTHERWISE SPECIFIED 1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX. 4) CHAM. 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63 MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS	TITLE: SMA JACK PCB MOUNT
FINISH: SEE NOTES			
SURFACE AREA: N/A			
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		CHECKED: MAL 02/16/17	SCALE: 4:1
		APPROVED: MAL 02/16/17	SHEET 1 OF 1

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