

ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 47174	02/18	GPF

Technical drawing of the SMPM Plug FD 2 Hole Flange Compression Mount. The drawing includes three views: a side view, a front view, and a detail view (DETAIL A). Dimensions are provided in inches and millimeters. The side view shows a total width of .281 [7.14] and a central hole diameter of .140 [3.56]. The front view shows a total width of .222 [5.64] and a central hole diameter of .282 [7.16]. The detail view shows a hole diameter of .012 [0.30] and a distance of .005±.002 [0.13±0.05] from the edge. The drawing also includes a note for 2X 0-80 UNF-2B THRU HOLES.

MATERIAL:

BODY & INSERT: 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 D1430

FINISH:

BODY & INSERT: PASSIVATED PER AMS-2700.

CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27,
OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ.RANGE: DC TO 65.0 GHz

NOTES:

1. FOR A FOOTPRINT RECOMMENDATION SPECIFIC TO YOUR PCB, PLEASE
CONTACT US AT applications@svmicro.com

SV P/N	DESCRIPTION	PCB THICKNESS	L
SF3211-60218-1S	INCL. TWO .188 SCREWS	.016 TO .123	.188
SF3211-60218-2S	INCL. TWO .250 SCREWS	.078 TO .185	.250
SF3211-60218	NO SCREWS	.005 TO .373	N/A

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'	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	<div><div><div>SV</div><div>Amphenol MICROWAVE</div></div><div>2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409</div></div> <div>TITLE: SMPM PLUG FD 2 HOLE FLANGE COMPRESSION MOUNT</div>
FINISH: SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: VB 02/07/18	SIZE: B CAGE CODE: 95077 DWG. NO. SF3211-60218-XS
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