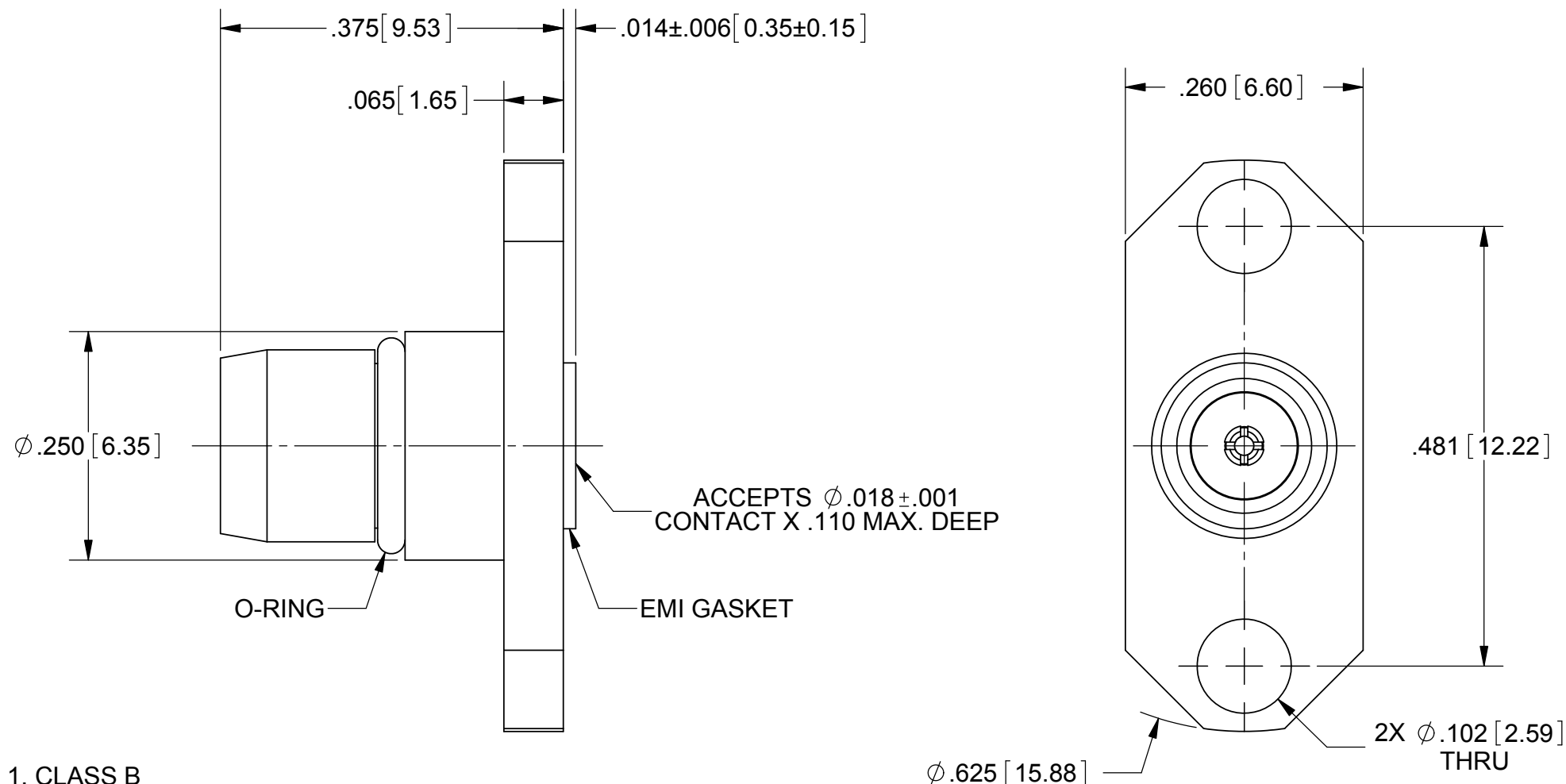


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
01	PRELIMINARY	08/11	FED



**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
- O-RING: FLUOROSILICONE RUBBER PER SAE-AMS-R-25988, CLASS 1, TYPE I
- EMI GASKET: CONDUCTIVE SILVER/SILICONE ELASTOMER, 77-63 DUROMETER

**FINISH:**

- BODY: 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 18.0 GHz
- VSWR: 1.04+ .006\*F (F IN GHz) DC TO 18.0 GHz
- INSERTION LOSS: .03 X SQRT(F(F IN GHz))

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	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
FINISH: SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: <b>BMA 2-HOLE FLANGE MOUNT PLUG RECEPTACLE ACCEPTS Ø.018±.001 PIN</b>
SURFACE AREA: N/A	<b>PROPRIETARY</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.	THIRD ANGLE PROJECTION	SIZE: <b>B</b> CAGE CODE: <b>95077</b> DWG. NO.: <b>SF1711-60013</b>
		DRAWN: FED 08/19/11	SCALE: 6:1
		CHECKED:	SHEET 1 OF 1
		APPROVED:	