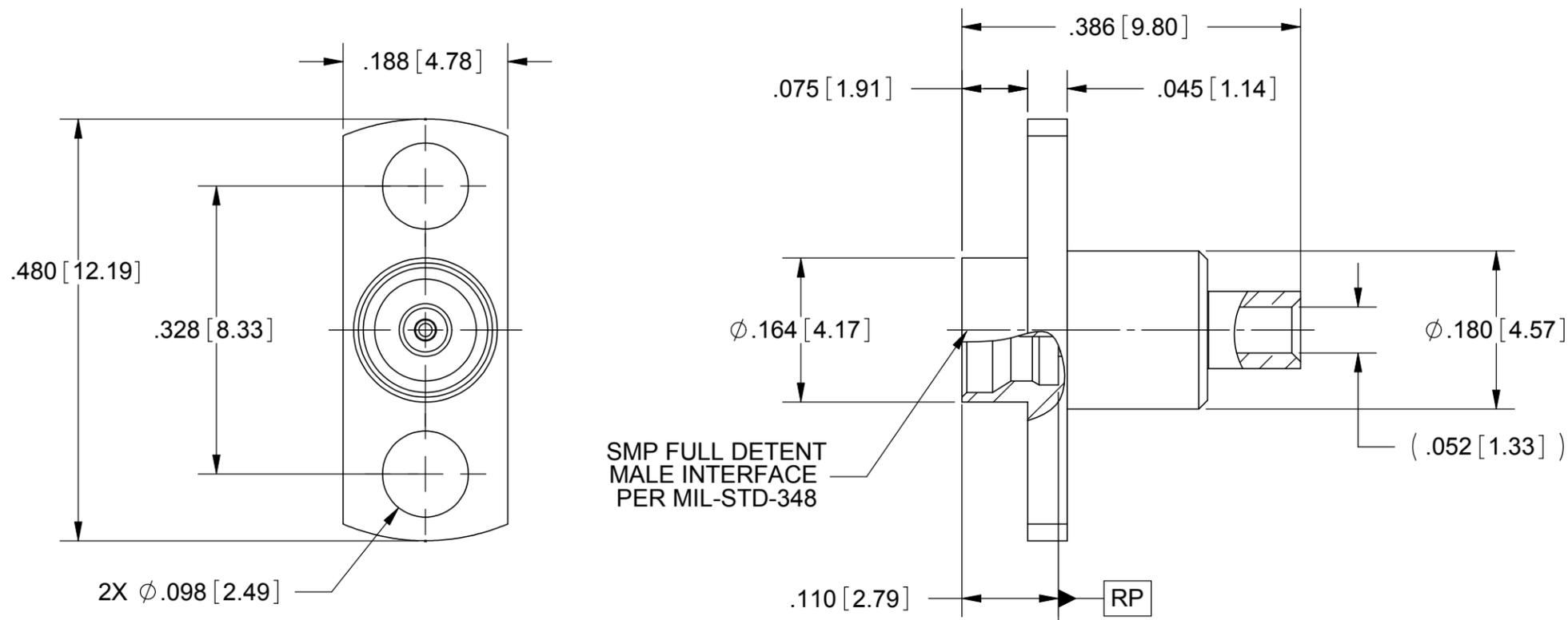


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. NRN 31512	06/04	STW
A	REV. DCN 37346	02/03/10	PJS



**MATERIAL:**

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

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

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

**FINISH:**

**BODY:** PASSIVATED PER AMS-2700.

**CONTACT & FERRULE:** 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:** 1.15:1 DC TO 18.0 GHz  
**INSERTION LOSS:** .03 X SQRT(F(F IN GHz))  
**DWV:** 500 VRMS  
**OPERATING TEMP.:** -55°C TO +125°C

<b>MATERIAL:</b> SEE NOTES	<b>DIMENSIONS ARE IN INCHES TOLERANCES:</b> FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X'X' ±15'	<b>UNLESS OTHERWISE SPECIFIED</b> 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 <b>TITLE:</b> SMP MALE 2 HOLE FL. MT. FOR Ø.047 S/R CABLE
<b>FINISH:</b> SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	DRAWN: JMC 06/02/04 CHECKED: STW 06/02/04 APPROVED: STW 06/02/04	
<b>SURFACE AREA:</b> N/A	<b>THIRD ANGLE PROJECTION</b>	SCALE: 6:1	<b>SIZE:</b> B <b>CAGE CODE:</b> 95077 <b>DWG. NO.:</b> SF1233-6000
<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.		SHEET 1 OF 1	