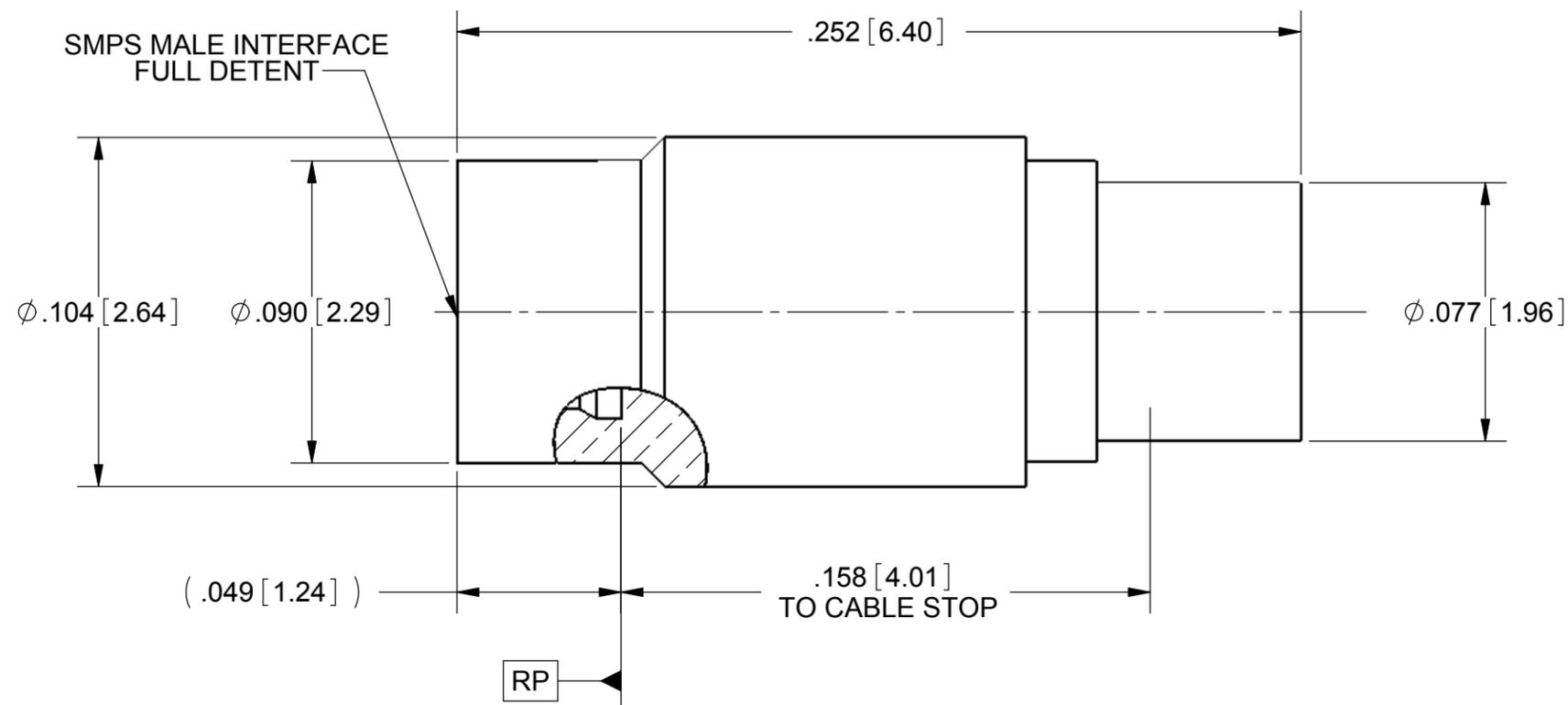


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. NRN 35514	09/17/09	STW
A	REV. DCN 37481	04/19/10	PJS
B	DCN 39509	11/12	STW



**MATERIAL:**  
**BODY & CONTACT:** BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04  
**INSULATOR:** PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

**FINISH:**  
**BODY & CONTACT:** GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

**PERFORMANCE:**  
**IMPEDANCE:** 50 OHMS  
**VSWR:** 1.20:1 DC TO 40.0 GHz TYPICAL  
 1.30:1 TO 65.0GHz TYPICAL  
**INSERTION LOSS:** .12 X SQRT(F(F IN GHz))  
**DWV:** 250 VRMS  
**OPERATING TEMP.:** -55°C TO +125°C

**ENGAGEMENT:** 3.5 LBS TYPICAL  
**DISENGAGEMENT:** 2.0 LBS TYPICAL

<b>MATERIAL:</b> SEE NOTES	<b>DIMENSIONS ARE IN INCHES TOLERANCES:</b> FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1'0''$ X'X' $\pm 15'$	<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>FINISH:</b> SEE NOTES	DECIMAL: X $\pm .030$ .XX $\pm .010$ .XXX $\pm .005$	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	<b>TITLE:</b> SMPS MALE FULL DETENT FOR $\phi .047$ SEMI-RIGID CABLE
<b>SURFACE AREA:</b> N/A	<b>THIRD ANGLE PROJECTION</b>	<b>DRAWN:</b> JMC 08/11/09	<b>SIZE:</b> B <b>CAGE CODE:</b> 95077 <b>DWG. NO.:</b> 3811-40001
<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.		<b>CHECKED:</b> STW 09/17/09 <b>APPROVED:</b> STW 09/17/09	SCALE: 20:1 <span style="float: right;">SHEET 1 OF 1</span>