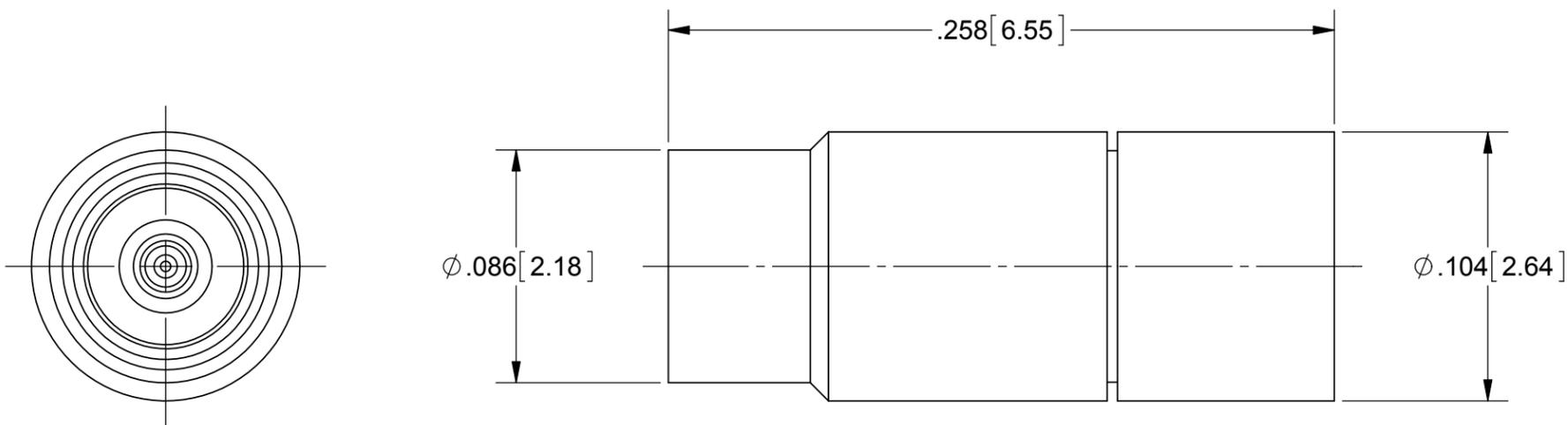


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
01	PRELIMINARY	09/11	FED



**MATERIAL:**

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

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

**RESISTOR ELEMENT:** ALUMINA SUBSTRATE WITH NICHROME RESISTOR

**FINISH:**

**BODY & 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 100.0 GHz

**VSWR:** 1.20:1 DC TO 18.0 GHz  
1.30:1 18.0 TO 40.0 GHz

SV P/N	DETENT
8038-6003	SB
8038-6004	FD

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 TITLE: <b>SMPS MALE TERMINATION                  50 OHM, 1/4 WATT</b>
FINISH: SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005		
SURFACE AREA: N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	DRAWN: FED 09/20/11	SIZE   CAGE CODE   DWG. NO. <b>8038-6003-6004</b>
<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>THIRD ANGLE PROJECTION</b> 	CHECKED:	SCALE: 16:1
		APPROVED:	SHEET 1 OF 1

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