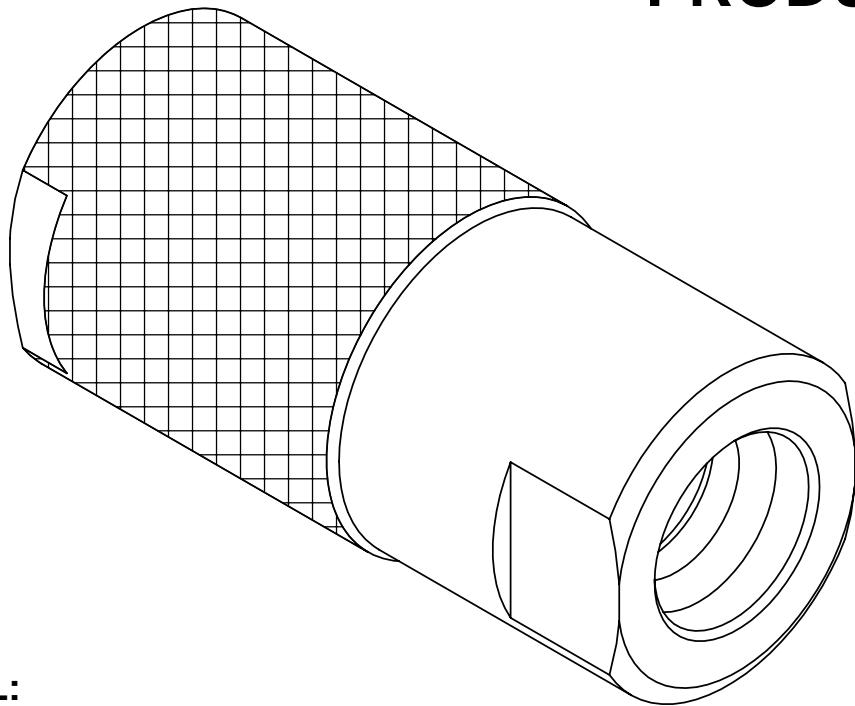


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 35513	11/07	STW

**MATERIAL:**

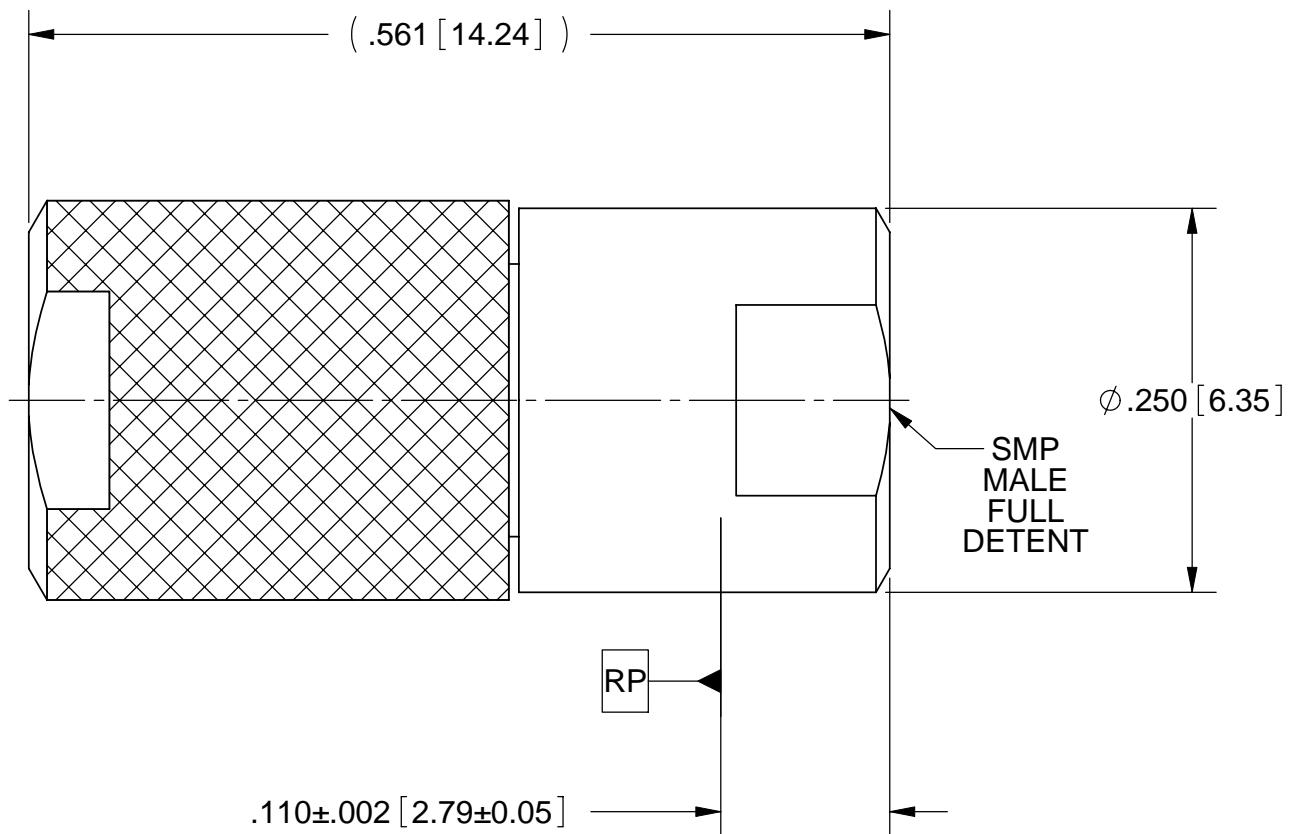
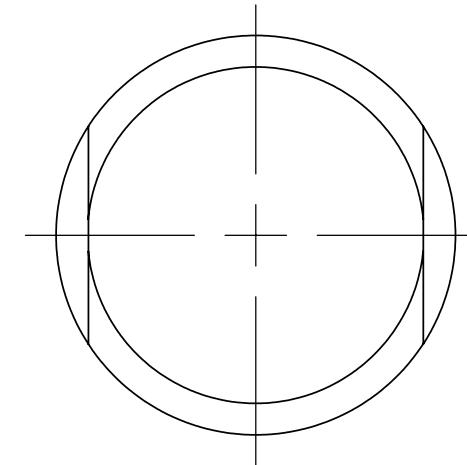
BODIES, & INSERT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
CONTACT:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
SLEEVE:	BRASS PER ASTM B16, ALLOY UNS No. C36000
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
RESISTOR ELEMENT:	ALUMINUM NITRIDE SUBSTRATE WITH TANTILLUM NITRIDE RESISTOR

FINISH:

BODIES & INSERT:	PASSIVATED PER AMS-2700, TYPE 2
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:	1.20:1 DC TO 15 GHz
	1.25:1 15 TO 18 GHz
OPERATING TEMP.:	-55°C TO +125°C
AVG. POWER:	0.5 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO .05 WATTS AT 125°C)
PEAK POWER:	100 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)



MATERIAL:	SEE NOTES
FINISH:	SEE NOTES
SURFACE AREA:	N/A
PROPRIETARY	
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'
DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
THIRD ANGLE PROJECTION
DRAWN: ADK 11/09/07

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 63µIN MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS
THIRD ANGLE PROJECTION
CHECKED: STW 11/09/07
APPROVED: STW 11/09/07

SV Microwave, Inc.			
2400 Centrepark West Drive, Suite 100			
West Palm Beach, FL 33409			
TITLE: SMP FULL DETENT			
MALE TERMINATION			
SIZE	CAGE CODE	DWG. NO.	SF8012-6009
B	95077		
SCALE: 8:1			SHEET 1 OF 1

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