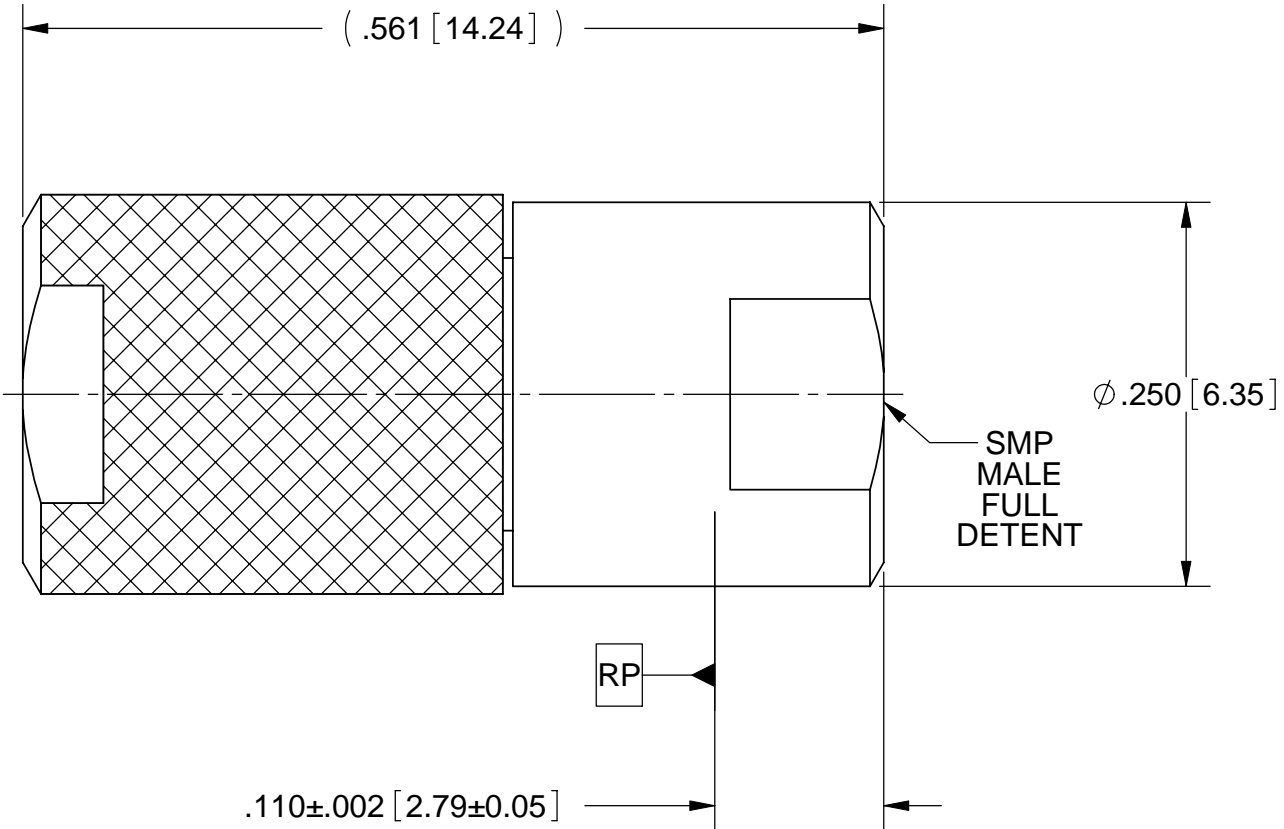
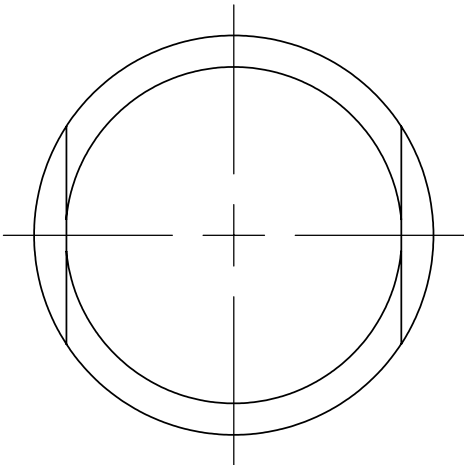
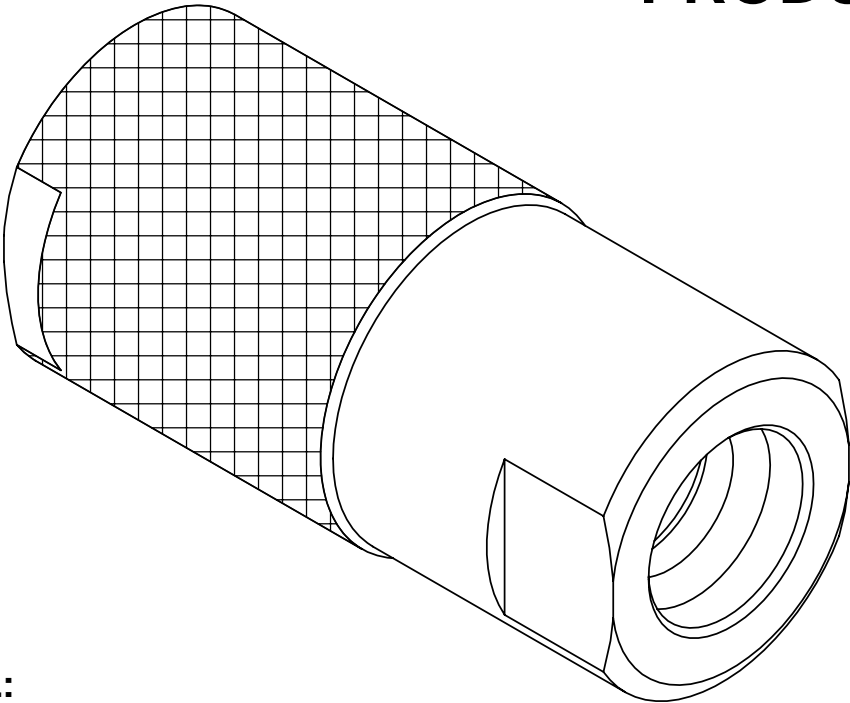


PRODUCT DATA DRAWING

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 TANTILUM NITRIDE RESISTOR
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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	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$	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		
SURFACE AREA:	N/A	DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMP FULL DETENT MALE TERMINATION	
PROPRIETARY 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	DRAWN: ADK 11/09/07	SIZE B CAGE CODE 95077 DWG. NO. SF8012-6009	SHEET 1 OF 1
			CHECKED: STW 11/09/07 APPROVED: STW 11/09/07	SCALE: 8:1	

Mouser Electronics

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