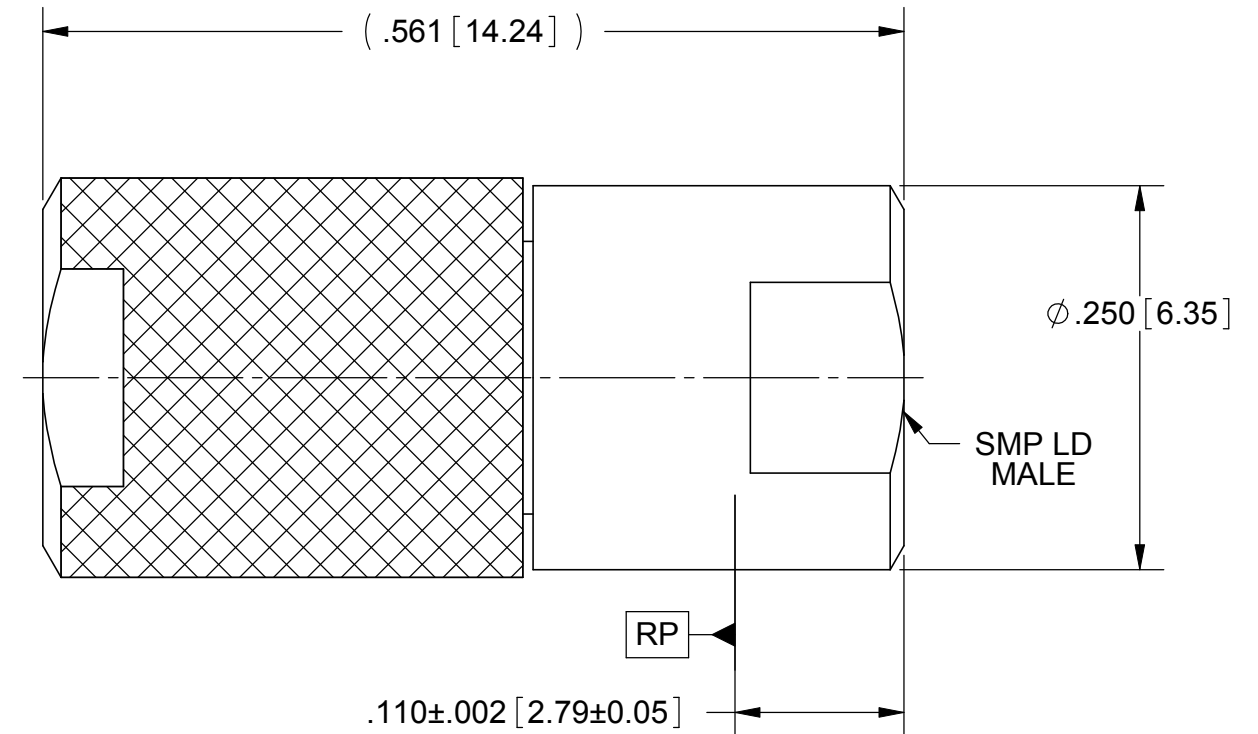
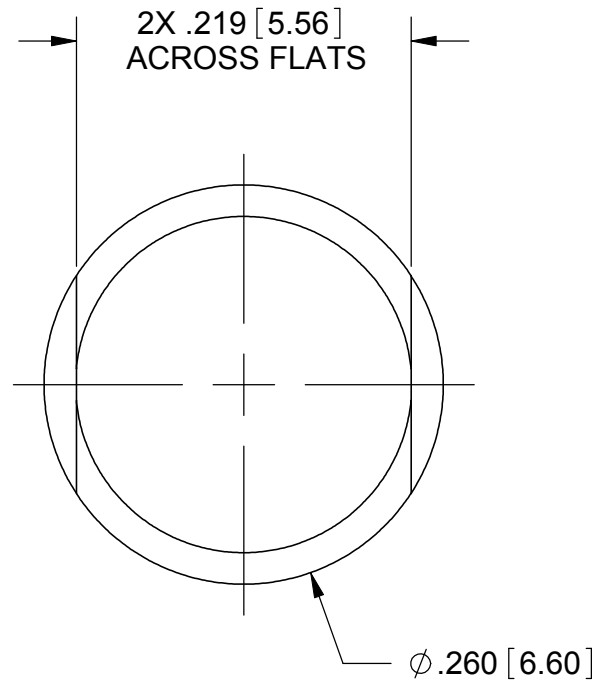
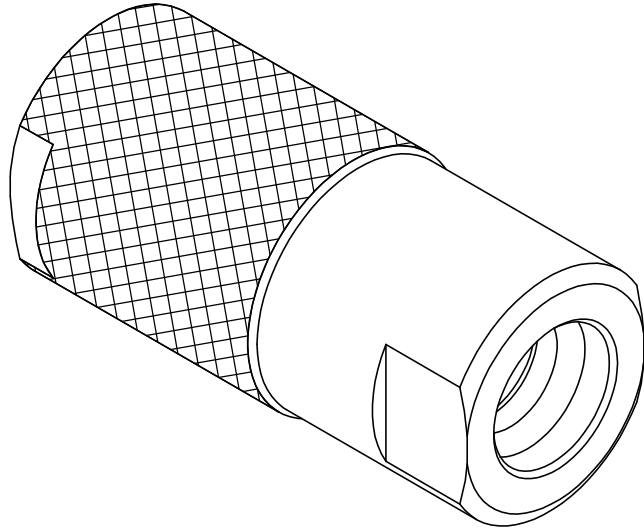


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 37963	01/11	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

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 5×10^{-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° $\pm 1^{\circ}0'$ $X^{\circ}X' \pm 15'$		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		TITLE: SMP MALE LD TERMINATION	
SURFACE AREA:	N/A	DECIMAL: X $\pm .030$ $.XX \pm .010$ $.XXX \pm .005$ INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994					
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: FED 01/19/11		SIZE B CAGE CODE 95077 DWG. NO. SF8012-6101	
				CHECKED: STW 01/19/11			
				APPROVED: STW 01/19/11		SCALE: 8:1 SHEET 1 OF 1	

Mouser Electronics

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