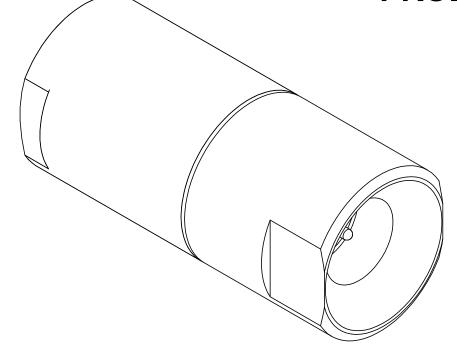
ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 37730	08/10	PJS



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

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

RESISTOR ELEMENT: ALUMINUM NITRIDE SUBSTRATE WITH

TANTILUM NITRIDE RESISTOR

FINISH:

BODIES & INSERT:

PASSIVATED PER AMS-2700

CONTACT: GOLD PER ASTM B488. TYPE II. CODE C, CLASS 1.27; ÓVER NIĆKEL

PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 18.0 GHz

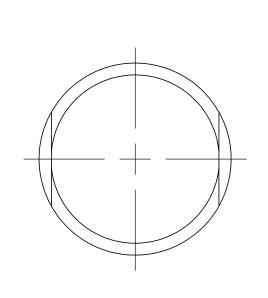
1.20:1 DC TO 15 GHz VSWR: 1.25:1 15 TO 18 GHz

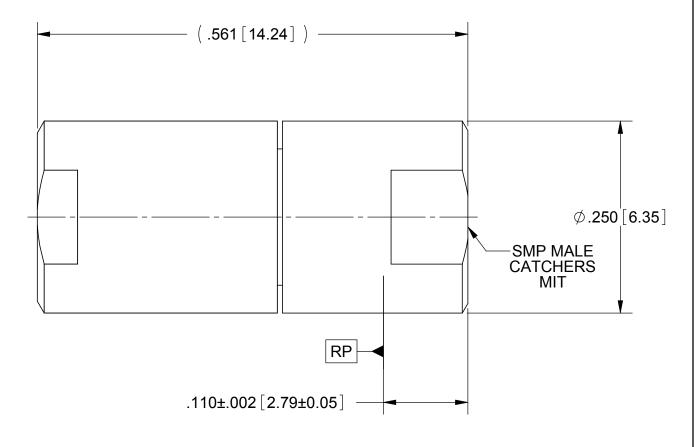
OPERATING TEMP.: -55°C TO +125°C

AVG. POWER: 0.5 WATT (POWER INPUT DERATED LINEARLY

FROM 25°C TO .05 WATTS AT 125°C) 100 WATTS (PEAK POWER FOR A DÚTY CYCLE **PEAK POWER:**

OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)





MATERIAL: SEE NOTES

SURFACE AREA: N/A

FINISH:

PROPRIETARY

SEE NOTES

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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

HIRD ANGLE PROJECTION		
	(

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

DRAWN: FED 08/20/10 CHECKED: PJS 08/20/10 APPROVED: PJS 08/20/10

SV Microwave, Inc.

2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409

SMP CATCHERS MIT MALE TERMINATION

SIZE CAGE CODE DWG. NO. B 95077 SF8012-6103 SCALE: 8:1

SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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Amphenol: SF8012-6103