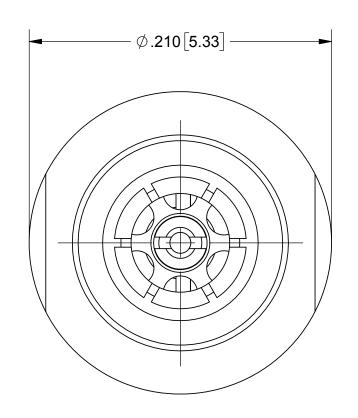
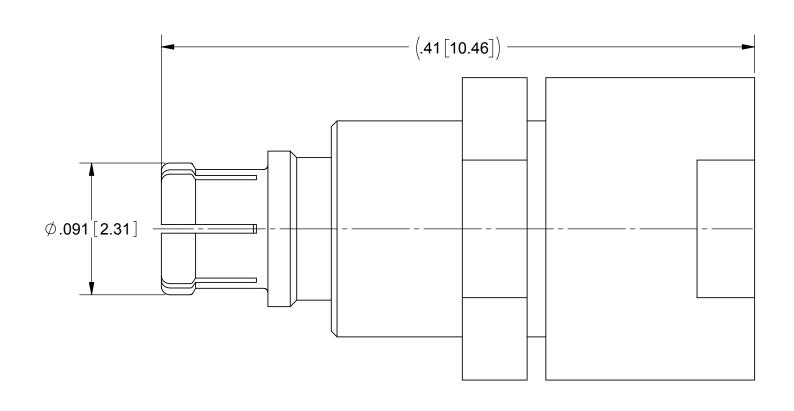
**ROHS NON-COMPLIANT** 

## PRODUCT DATA DRAWING

REVISION HISTORY					
REV	DESCRIPTION	DATE	APPROVED		
-	REL. NRN 41618	06/02/17	STW		





MATERIAL:

BODY, SLEEVES & CONTACT:

BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.

CAP:

STAINLESS STEEL PER AMS 5640 ALLOY UNS S30300 TYPE 1 OR ASTM A582, TYPE 303, CONDITION A .

**INSULATOR:** 

POLYETHERIMIDE (ULTEM 1000) PER ASTM D5205.

**BELLOWS SPRING:** 

ELECTRO-DEPOSITED NICKEL: GOLD PLATED

**RESISTOR ELEMENT:** 

ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR WITH GOLD PLATED TERMINALS.

FINISH:

BODY, SLEEVES & CONTACT:

GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

CAP:

PASSIVATED PER AMS 2700

PERFORMANCE:

IMPEDANCE:

50 OHMS FREQ. RANGE: DC TO 40.0 GHz

VSWR:

1.15 + .011(F (F in GHz)):1 DC TO 40.0 GHz

MATERIAL:	SEE NOTES			
FINISH:	SEE NOTES			
SURFACE AR	ACE AREA: N/A			
PROPRIETARY				
IS THE SOLE P ANY REPRODU WITHOUT THE	TION CONTAINED IN THIS DRAY ROPERTY OF SV MICROWAVE, JCTION IN PART OR AS A WHOI WRITTEN PERMISSION OF /E. INC IS PROHIBITED.			

	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 ANCLE DRO JECTION				

CTIONAL: ±1/64 ANGULAR: X* ±1°0' X*X' ±15'  MAL: .X ±.030	1) ALL DIMENSIONS ARE IN IN 2) ALL DIMENSIONS ARE AFTE 3) BREAK CORNERS & EDGES 4) CHAM. 157 & LAST THREAD 5) SURFACE ROUGHNESS 63. 6) DIA: SO N COMMON CENTE WITHIN .005 T.I.R. 7) REMOVE ALL BURRS	6 .005 R. MAX. DS. MIL-STD-10.
IIRD ANGLE PROJECTION	DRAWN:	JMC 06/02/17
	CHECKED:	STW 06/02/17
\\ \tag{\tau} = \tag{\tau} \\ \tag{\tau} = \tau \\ \tag{\tau} = \tau \\ \tau =	APPROVED:	STW 06/02/17

**UNLESS OTHERWISE SPECIFIED** 

## SV Microwave, Inc.

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

SMPM FEMALE 1/2 W **TERMINATION** 

SIZE CAGE CODE DWG. NO. B 95077 8032-4018 6/02/17 6/02/17 SCALE: 15:1 SHEET 1 OF 1