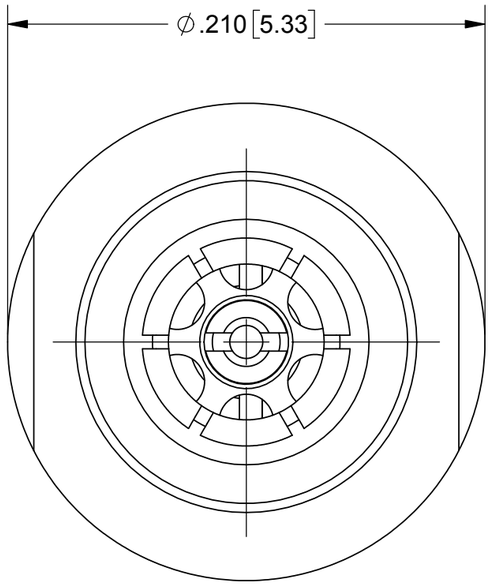
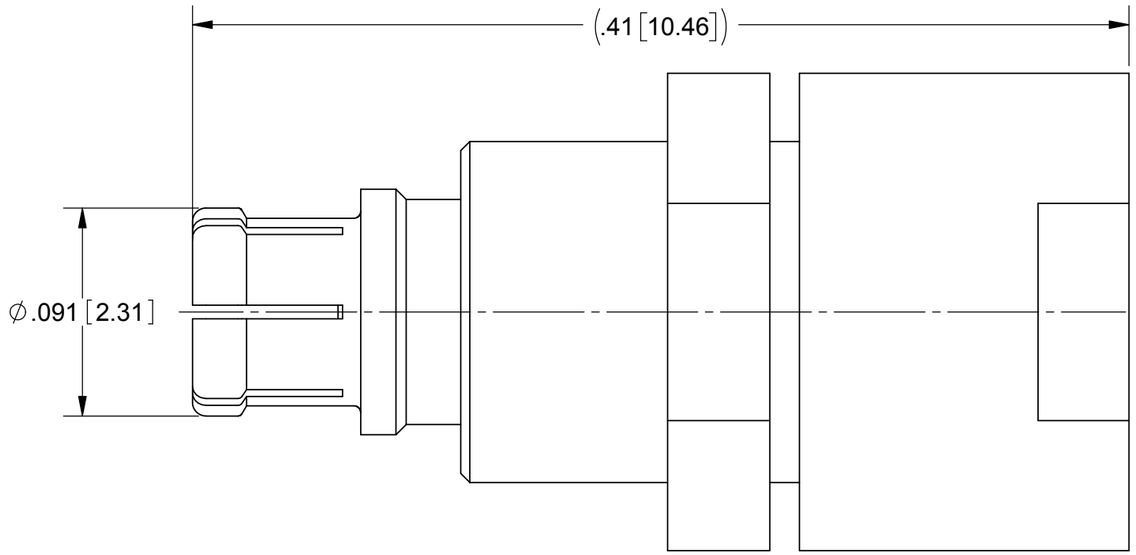
ROHS NON-COMPLIANT

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.

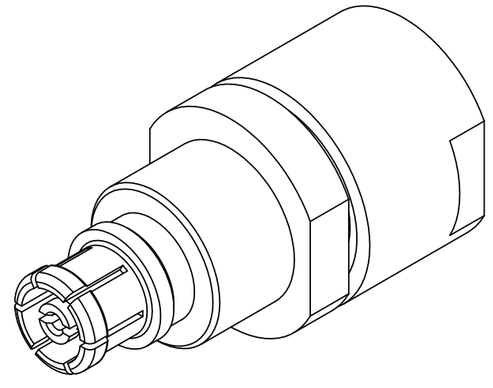
FINISH:

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 AREA: N/A

PROPRIETARY

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

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:	JMC 06/02/17
CHECKED:	STW 06/02/17
APPROVED:	STW 06/02/17

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE: SMPM FEMALE 1/2 W TERMINATION

SIZE	CAGE CODE	DWG. NO.
B	95077	8032-4018

SCALE: 15:1