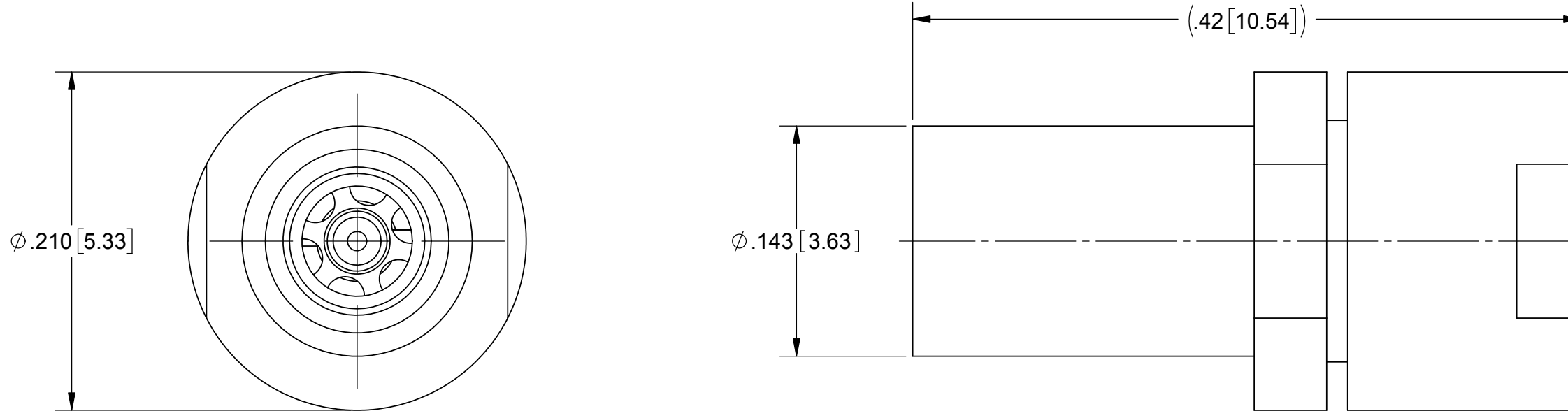


ROHS COMPLIANT

# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. NRN 41619	06/05/17	STW



**MATERIAL:**

BODY & CAP: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1,  
OR ASTM A582, TYPE 303, CONDITION A.

CONTACT &  
SLEEVES: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.

INSULATORS: POLYETHERIMIDE (ULTEM 1000) PER ASTM D5205.

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

BELLOWS SPRING: ELECTRO-DEPOSITED NICKEL, GOLD PLATED.

FINISH:

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

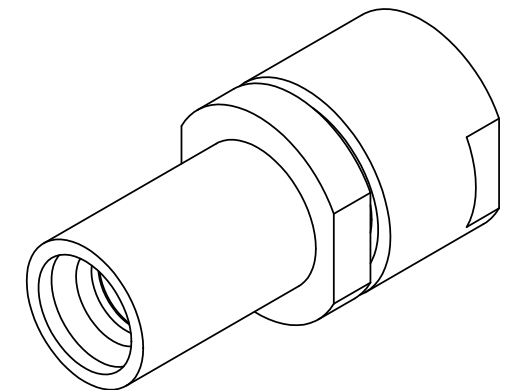
MATING BODY: PASSIVATED PER AMS 2700

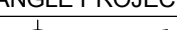
PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 40.0 GHz

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



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64    ANGULAR: X° ±1'0" X°X' ±15'	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	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
FINISH:	SEE NOTES	DECIMAL: .X     ±.030 .XX     ±.010 .XXX    ±.005		TITLE:	SMPM FD MALE 1/2W TERMINATION	
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		SIZE B	CAGE CODE 95077	DWG. NO. SF8032-6014
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: JMC 06/05/17			
			CHECKED: STW 06/05/17			
			APPROVED: STW 06/05/17	SCALE: 12:1		SHEET 1 OF 1

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