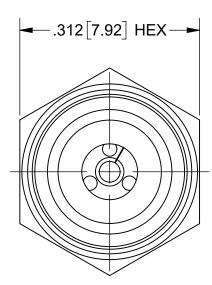
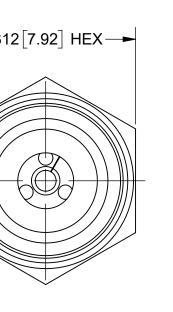
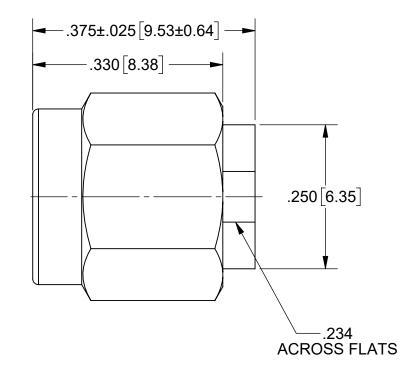
**ROHS COMPLIANT** 

## PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
F	DCN 47710	07/18	STW
G	DCN 50099	08/20	STW







## **MATERIAL:**

BODY, PRESS CAP & **COUPLING NUT:** 

STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

OR ASTM A582, TYPE 303, CONSITION A.

LOCK RING & CONTACT:

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

SLEEVE: BRASS PER ASTM B16, ALLOY UNS No. C36000.

**INSULATOR:** PEI (ULTEM 1000) PER ASTM D5205.

GASKET: FKM FLUOROCARBON (VITON) PER AMS 3216.

**BELLOWS SPRING:** ELECTRO-DEPOSITED NICKEL: GOLD PLATED

ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR **RESISTOR ELEMENT:** & GOLD PLATED TERMINATIONS.

**FINISH:** 

BODY, PRESS CAP &

**COUPLING NUT:** PASSIVATED PER AMS-2700.

**CONTACT&** 

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

**PERFORMANCE:** 

**IMPEDANCE:** 50 OHMS FREQ. RANGE:

DC TO 40.0 GHz VSWR: 1.25:1 MAX., DC TO 40.0 GHz

-55°C TO +135°C **OPERATING TEMP.:** 

AVG. POWER: 2 WATT (POWWER INPUT DERATED LINEARLY

FROM 25°C TO .2 WATTS AT 125°C)

MATERIAL: SEE	NOTES	
FINISH: SEE	NOTES	
SURFACE AREA: N/A		
PROPR	IETARY	
THE INFORMATION CON IS THE SOLE PROPERTY ANY REPRODUCTION IN WITHOUT THE WRITTEN SV MICROWAVE, INC IS F	OF SV MICROWAVE, INC PART OR AS A WHOLE PERMISSION OF	

ΓES	DIMENSIONS ARE IN INCHES TOLERANCES:	
	FRACTIONAL: ±1/64 ANGULAR: X° ±1°0	
ΓES	X°X' ±15 DECIMAL: .X ±.030 .XX ±.010	
	.XXX ±.005	
	INTERPRET DIMENSIONS AND TOLERANCES	
•	PER ASME Y14.5M - 1994	

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		
THIRD ANGLE PROJECTION	I	
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## **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: BRT 09/13/02

CHECKED:

APPROVED:

MICROWAVE		
www.svmicrowave.com		
SVK PLUG TERMINATION		

DC-40.0 GHz SF8015-6002 DWC 06/06/01 В DWC 06/06/01