

PRODUCT DATA DRAWING

MATERIAL :

BODY &
COUPLING NUT: STAINLESS STEEL PER AMS-5640

CONTACT & CAP: BERYLLIUM COPPER PER ASTM B196

SLEEVE &
INSERT: BRASS PER ASTM B16

BELLOWS SPRING: ELECTRO DEPOSITED NICKEL:GOLD
PLATED

INSULATOR: ULTEM 1000

GASKET: SILICONE RUBBER PER ZZ-R-765,
CLASS IIB, GRADE 50/60

RESISTOR ELEMENT: ALUMINUM NITRIDE SUBSTRATE WITH
TANTALUM NITRIDE RESISTOR; GOLD
PLATED TERMINATIONS

FINISH :

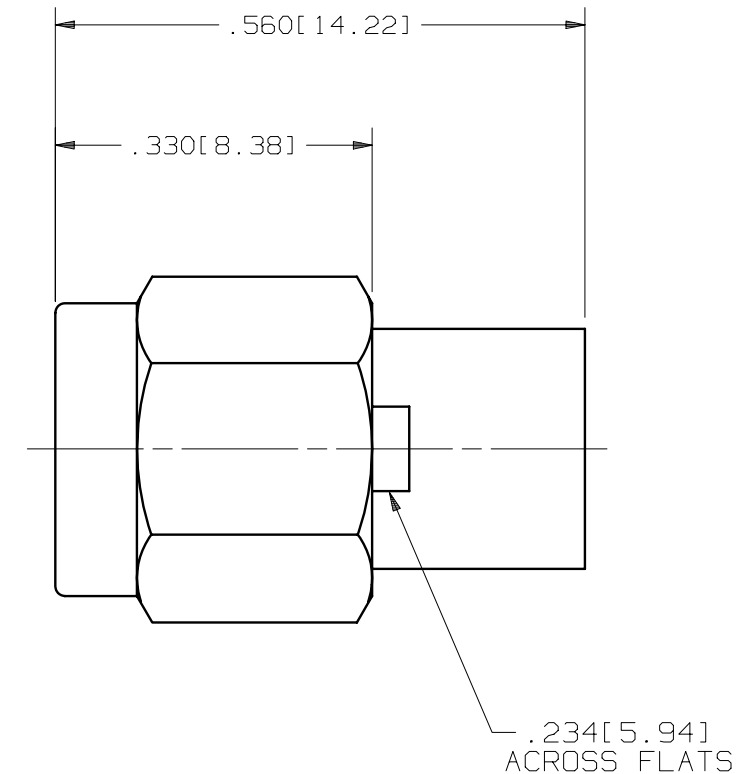
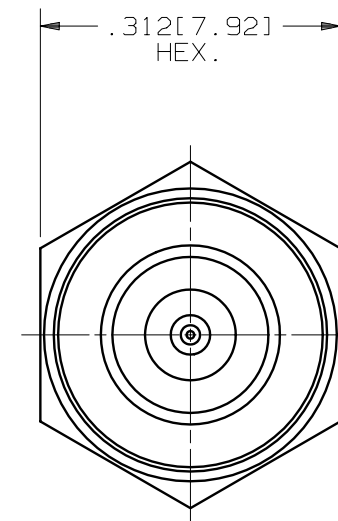
BODY: PASSIVATED PER AMS-QQ-P-35, TYPE II

COUPLING NUT,
CAP &
SLEEVE: GOLD PER ASTM B 488, TYPE II,
GRADE C, CLASS 1.52; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

CONTACTS &
INSERT: GOLD PER ASTM B 488, TYPE I,
GRADE C, CLASS .50; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

PERFORMANCE :

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 40.0 GHz
VSWR: 1.25:1 DC TO 40.0 GHz
OPERATING TEMP.: -55°C TO +135°C



SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1)ALL DIMENSIONS ARE AFTER PLATING. 2)BREAK CORNERS & EDGES .005 R.MAX. 3)CHAM. 1st & LAST THDS. 4)SURFACE ROUGHNESS 63 $\sqrt{\text{MIL}}$ -STD-10. 5)DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6)REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS FRACTIONAL ANGULAR .X $\pm$.030 .XX $\pm$.015 .XXX $\pm$.005 $\pm 1/64$ X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$			SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
-	REL.DCN 29723	03/03	STW		MATERIAL: SEE ABOVE FINISH: SEE ABOVE $\square$ " AREA: N/A			TITLE: SVK PLUG TERMINATION DC-40.0 GHz	
A	REV.DCN 29788	04/03	STW						
B	REV.DCN 31180	03/04	VMJ		SIZE B CAGE NO. 95077 SCALE 5X			DWG.NO. SF8015-6007	
C	REV.DCN 31895	02/05	CCC						
				DRAWN: MEB 04/03/03					
				CHECKED: STW 04/03/03					
				APPROVED: STW 04/03/03					