

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	REV. DCN 31895	02/05	CCC
D	DCN 46746	08/17	STW
E	DCN 47713	07/18	STW

PRODUCT DATA DRAWING

MATERIAL:

BODY,
PRESS CAP &
COUPLING NUT:

STAINLESS STEEL PER AMS-5640,
ALLOY UNS S30300, TYPE 1
OR ASTM A582, TYPE 303

LOCK RING &
CONTACT:

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

SLEEVE:

BRASS PER ASTM B16, ALLOY UNS No. C36000

INSULATOR:

ULTEM 1000 PER ASTM D5205

GASKET:

SILICONE RUBBER PER A-A-59588,
CLASS 2B, GRADE 50/60

BELLOWS SPRING:

ELECTRO DEPOSITED NICKEL: GOLD PLATED

RESISTOR ELEMENT:

ALUMINUM NITRIDE SUBSTRATE WITH
TANTALUM NITRIDE RESISTOR; GOLD PLATED
TERMINATIONS

FINISH:

BODY, PRESS CAP &
COUPLING NUT:

PASSIVATED PER AMS-2700, TYPE 2

CONTACT:

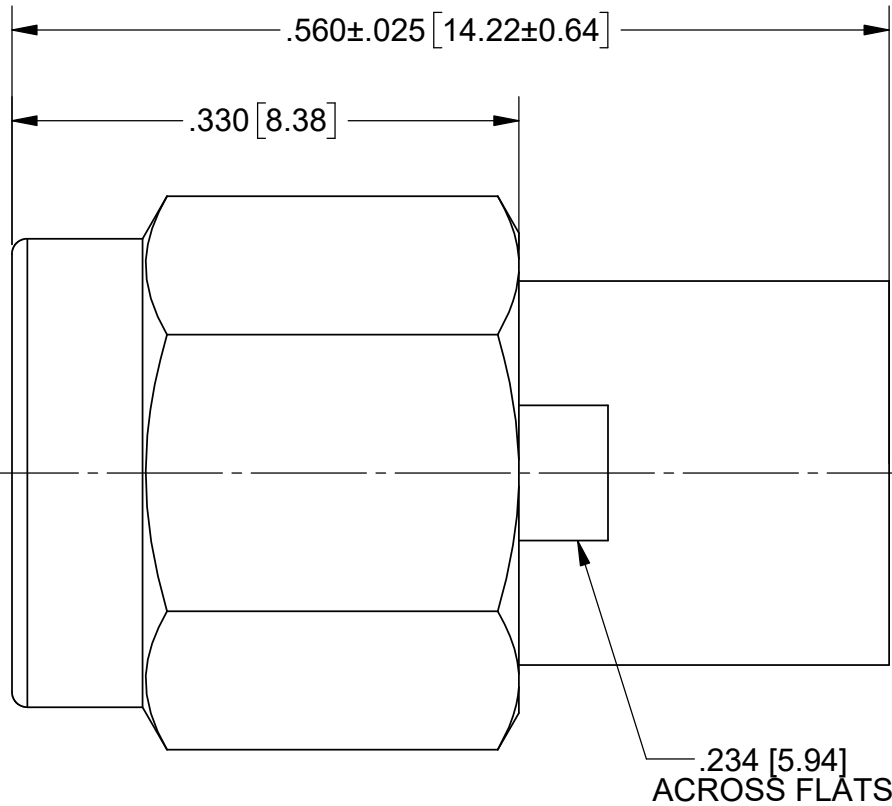
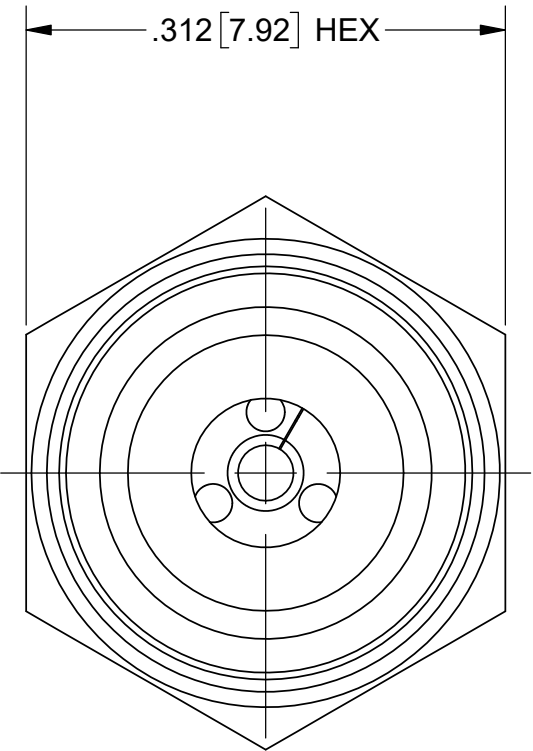
GOLD PER MIL-DTL-45204, TYPE I,
GRADE C, CLASS 1 (.00005" MIN.); OVER NICKEL
PER SAE AMS 2404, CLASS 1, .00005" MIN.

CHIP SLEEVE:

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

PERFORMANCE:

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



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	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
FINISH:	SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005		TITLE:	SVK PLUG TERMINATION DC-40.0 GHz	
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		SIZE	CAGE CODE	DWG. NO.
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:	MEB 04/03/03		
			CHECKED:	STW 04/03/03		
			APPROVED:	STW 04/03/03		
			SCALE: 8:1			SHEET 1 OF 1

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