

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.
SF0930-6200-XX

MATERIAL :

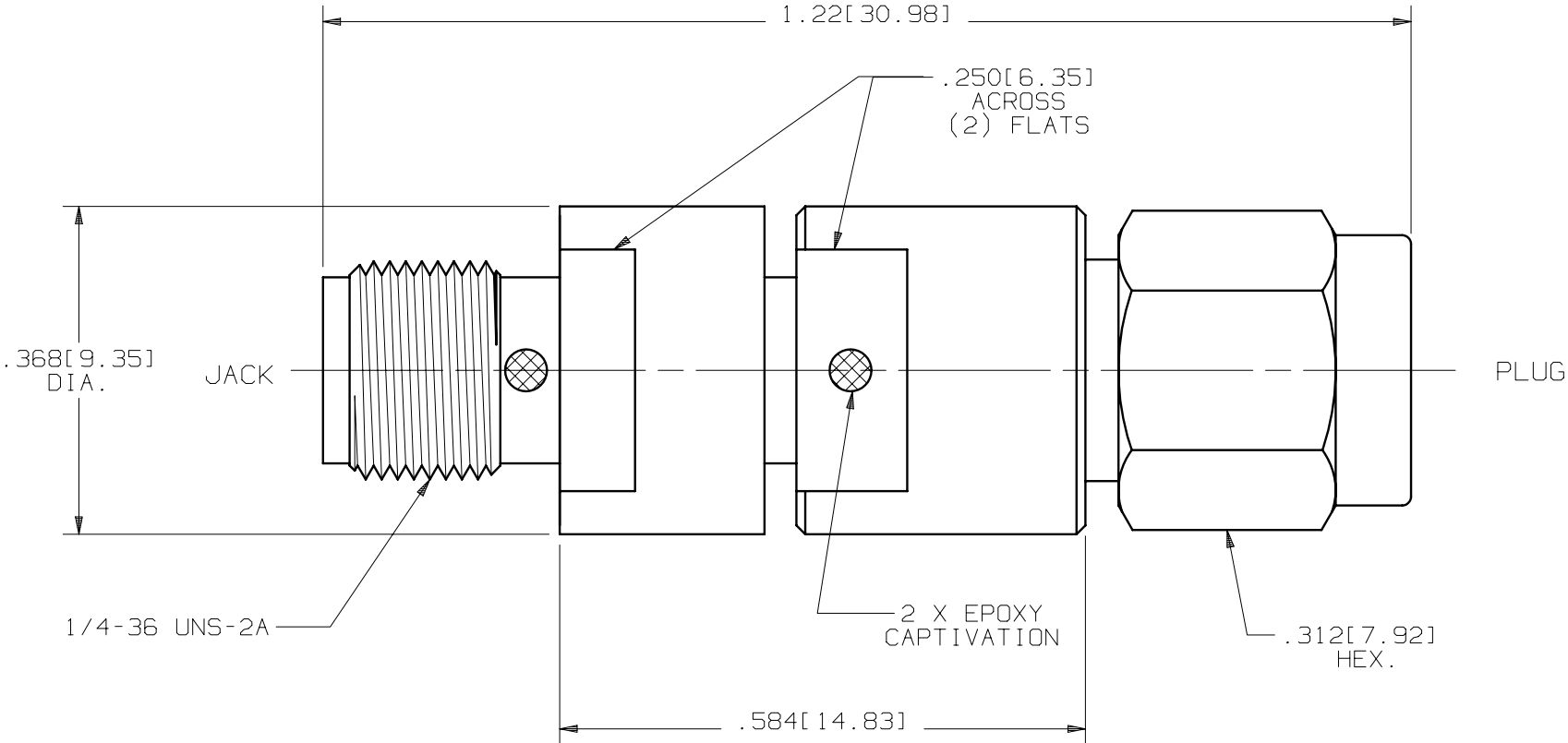
- BODIES & COUPLING NUT:STAINLESS STEEL PER AMS-5640
- LOCK RING & CONTACTS:BERYLLIUM COPPER PER ASTM B196
- SLEEVE:BRASS PER ASTM B16
- BELLOWS SPRING:ELECTRO DEPOSITED NICKEL: GOLD PLATED
- INSULATORS:PTFE PER ASTM D1710
- GASKET:SILICONE RUBBER PER ZZ-R-765, CLASS IIB, GRADE 50/60
- RESISTOR ELEMENT:ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR; GOLD PLATED TERMINATIONS

FINISH :

- BODIES & COUPLING NUT:PASSIVATED PER AMS-QQ-P-35, TYPE II
- CONTACTS & SLEEVE:GOLD PER ASTM B 488, TYPE II, GRADE C, CLASS 1.52; OVER NICKEL PER QQ-N-290, CLASS 1

PERFORMANCE :

- IMPEDANCE:50 OHMS
- FREQ. RANGE:DC TO 18.0 GHz
- CONNECTOR DURABILITY:500 CYCLES
- ENGAGEMENT/DISENGAGEMENT:2 IN-LBS.



ELECTRICAL CHARACTERISTICS				
ATTENUATOR INCREMENT (dB)	ATTENUATION ACCURACY (dB)	VSWR		
		DC TO 4 GHz	4 TO 12.4 GHz	12.4 TO 18.0 GHz
0 TO .5	+0.00 -0.30	1.15	1.25	1.35
1 TO 6	+/- .3			
7 TO 15	+/- .5			
16 TO 20	+/- .7			
30 TO 40	+/- 1.00			

SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1)ALL DIMENSIONS ARE AFTER PLATING. 2)BREAK CORNERS & EDGES .005 R.MAX. 3)CHAM. 1s1 & LAST THDS. 4)SURFACE ROUGHNESS 63 √ 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:			SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
-	REL.DCN 22375	03/96	DWC		DECIMALS	FRACTIONAL	ANGULAR	
A	REV.DCN 30102	08/03	CCC		.X ±.030		X° ±1°0′	
B	REV.DCN 31895	02/05	CCC		.XX ±.015	±1/64	X°X′ ±15′	TITLE: SMA JACK TO PLUG DC-18.0 GHz ATTENUATOR
C	REV.DCN 32751	03/05	CCC		.XXX ±.005			
D	REV.DCN 33116	06/05	CCC					DWG. NO. SF0930-6200-XX
				DRAWN: CCC 08/05/03	MATERIAL: SEE ABOVE		□" AREA: N/A	
				CHECKED:	FINISH: SEE ABOVE			
				APPROVED: JM 03/18/96	SIZE B	CAGE NO. 95077	SCALE 5X	