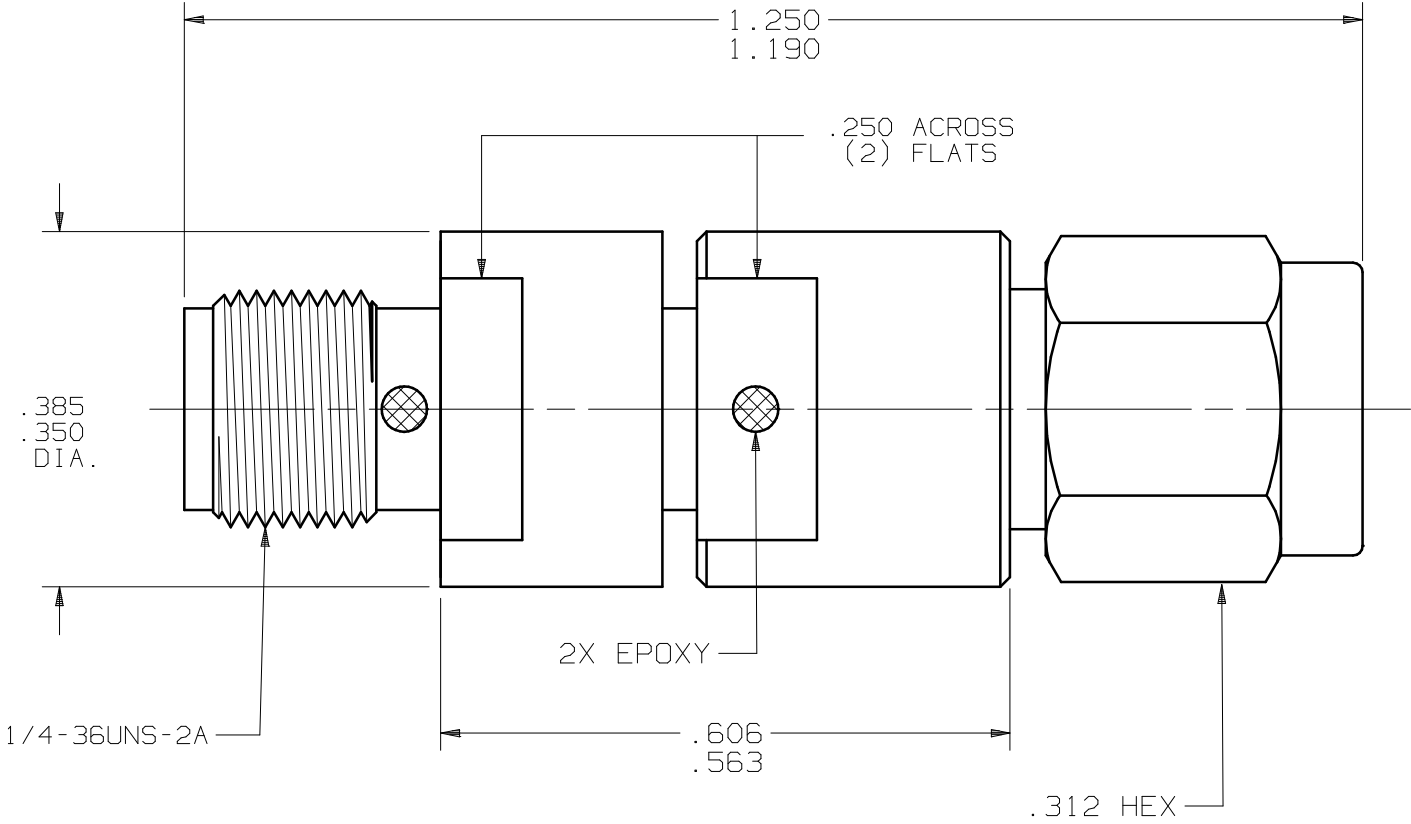


PRODUCT DATA DRAWING



dB VALUE	ATTENUATION ACCURACY	DC-4.0 GHz VSWR	4.0-12.4 GHz VSWR	12.4-18.0 GHz VSWR
0-.5	+0.00 -0.30	1.15:1 MAX.	1.25:1 MAX.	1.35:1 MAX.
1-6	+/- 0.30			
7-15	+/- 0.40			
16-20	+/- 0.60			
30 & 40	+/- 1.00			

MATERIAL:

BODIES & COUPLING NUT: STAINLESS STEEL PER AMS-5640, UNS S30300, TYPE I

LOCK RING & CONTACTS: BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300, COND. TD04

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

INSULATORS: TEFLON PER ASTM-D-1710.

SLEEVE: BRASS PER ASTM-B-16, ALLOY UNS C36000, H02

BELLOWS SPRING: ELECTRO DEPOSITED NICKEL: GOLD PLATED

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

FINISH:

CONTACTS & SLEEVE: GOLD PER ASTM B 488, TYPE II GRADE C, CLASS 1.27; OVER NICKEL PER QQ-N-290, CLASS 1

COUPLING NUT & BODY: PASSIVATED PER QQ-P-35, TYPE II

PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC-18.0 GHz

AVG POWER: 2 WATTS 25 DEG C

DERATED LINEARLY TO 0.5 WATTS AT A25 DEG C

PEAK POWER: 500 WATTS

5uSec PULSE .05% DUTY CYCLE

OPERATING TEMPERATURE: -55 DEG C TO +125 DEG C

CONNECTOR DURABILITY(MIN.CYCLES): 500

ENGAGEMENT/DISENGAGEMENT (MAX.IN.LBS.): 2.0

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 / 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 ±.030 .XX ±.015 .XXX ±.005 ±1/64 X° ±1°0' X°X' ±15'	MATERIAL: SEE ABOVE FINISH: SEE ABOVE		□" AREA: N/A		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
-	REL.DCN 22375	03/96	DWC							TITLE: SMA JACK TO PLUG DC-18.0 GHz ATTENUATOR	
A	REL.DCN 30102	08/03	CCC								
										DWG. NO. SF0930-6200-XX	
										SCALE 5X	
										CAGE NO. 95077	
										SIZE B	
										APPROVED: JM 3/18/96	