## PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D	DCN 38201	05/11	PJS

#### MATERIAL:

BODIES,

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

LOCK RINGS,

CONTACTS: BERYLLIUM COPPER PER ASTM B196,

ALLOY No. UNS C17300, TD04

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

**BELLOWS:** ELECTRO-DEPOSITED GOLD OVER NICKEL

**INSULATORS:** PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

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

RESISTOR ELEMENTS: **ALUMINA SUBSTRATE WITH** 

TANTALUM NITRIDE RESISTOR

FINISH:

BODIES.

COUPLING NUT: PASSIVATED PER AMS-2700

CONTACTS,

SLEEVE: GOLD PER ASTM B488, TYPE II,

CODE C, CLASS 1.27; OVER NICKEL

PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

11-20 dB

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 12.4 GHz SEE TABLE 1 VSWR: OPERATING TEMP.: -55°C TO +125°C

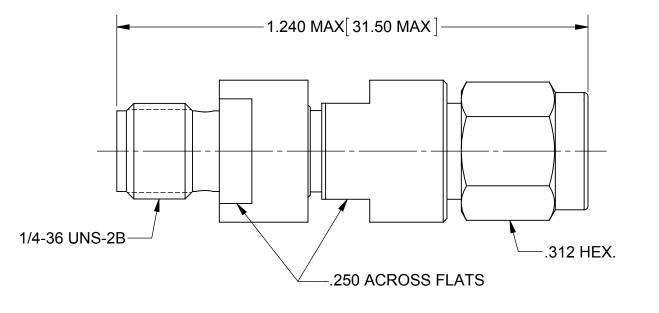
2 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO 0.5 WATTS AT 125°C) AVG. POWER:

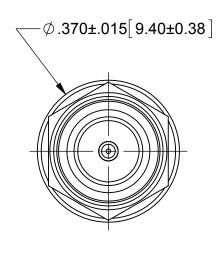
200 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5X10-4 MAXIMUM PULSE DURATION OF **PEAK POWER:** 

5 MICROSECONDS)

TABLE 1 **VSWR ATTENUATION** dB VALUE **ACCURACY** 2-4 GHz 4-8 GHz 8-12.4 GHz 1-6 dB ±0.3 dB 7-9 dB ±0.4 dB 1.15:1 1.20:1 1.25:1 10 dB ±0.3 dB

+0.5 dB





### "XX" NUMBER TO dB VALUE CHART

"XX" NUMBER	dB VALUE
01	3
02	6
03	10
04	20
05	15
06	1
07	2
08	4
09	5

"XX" NUMBER	dB VALUE
10	7
11	8
12	9
18	16
19	14
20	13
21	12
22	11
23	1.5

TITLE:

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

FRACTIONAL: ±1/64 ANGULAR: X° ±1°0′ X°X′ ±15′  DECIMAL: .X ±.030	1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES 005 R. MAX. 4) CHAM. 1ST & LAST THEADS. 5) SURFACE ROUGHNESS 63.MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN ,005 T.R. 7) REMOVE ALL BURRS	
THIRD ANGLE PROJECTION	DRAWN:	CCC 04/19/04
	CHECKED:	JMC 04/20/04
\\ \psi \tau_1 \\ \  \  \  \  \  \  \  \  \  \  \  \	APPROVED:	JMC 04/20/04

UNLESS OTHERWISE SPECIFIED

### SV Microwave, Inc.

2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409

SMA PLUG TO JACK **ATTENUATOR** 

SIZE <b>B</b>	95077	DWG. NO. M3933	′14-XX
SCALE: 4:1			SHEET 1 OF

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

M3933/16-07N M3933/16-07S