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:

IMPEDANCE: 50 OHMS

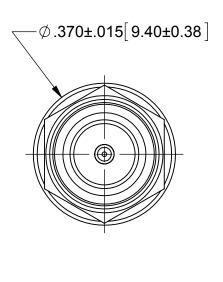
FREQ. RANGE: DC TO 12.4 GHz SEE TABLE 1 VSWR: OPERATING TEMP.: -55°C TO +125°C

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)

-1.240 MAX 31.50 MAX 1/4-36 UNS-2B .312 HEX. 250 ACROSS FLATS



"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:

TABLE 1					
dB VALUE	ATTENUATION	VSWR			
UB 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	1.15.1			
11-20 dB	±0.5 dB				

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: +1/64 ANGULAR: X° +1°0′	UNL
FINISH:	SEE NOTES	X°X' ±15' DECIMAL: .X ±.030	1) ALL DIM 2) ALL DIM 3) BREAK 4) CHAM, 1
SURFACE AREA: N/A		.XXX ±.005 INTERPRET DIMENSIONS AND TOLERANCES	5) SURFAC 6) DIA.'S O WITHIN 7) REMOV
Р	ROPRIETARY	PER ASME Y14.5M - 1994	7)112111011
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			CHE
			APPF

LESS OTHERWISE SPECIFIED MENSIONS ARE IN INCHES [MILLIMETERS]
MENSIONS ARE AFTER PLATING.
K CORNERS & EDGES, 005 F. MAX.
1ST & LAST THREADS.
AGE ROUGHNESS 63-MIL-STD-10.
ON COMMON CENTERS TO BE CONCENTRIC
N, 005 T.I.R.
VE ALL BURRS

WN: CCC 04/19/04 CHECKED: JMC 04/20/04 APPROVED: JMC 04/20/04

SV Microwave, Inc.

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SMA PLUG TO JACK **ATTENUATOR**

SIZE CAGE CODE DWG. NO. M3933/14-XX B 95077 SCALE: 4:1 SHEET 1 OF 1