ROHS COMPLIANT

PRODUCT DATA DRAWING

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

MATERIAL:

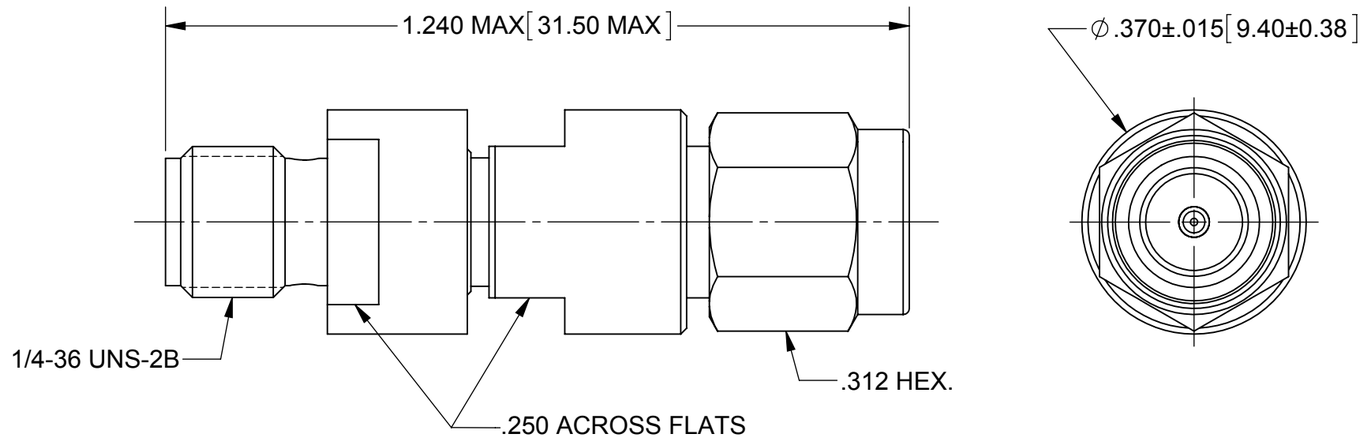
BODIES, COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
LOCK RINGS, CONTACTS:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
SLEEVE:	BRASS PER ASTM B16, ALLOY UNS No. C36000
BELLOWS:	ELECTRO-DEPOSITED GOLD OVER NICKEL
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKETS:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60
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
VSWR:	SEE TABLE 1
OPERATING TEMP.:	-55˚C TO +125˚C
AVG. POWER:	2 WATT (POWER INPUT DERATED LINEARLY FROM 25˚C TO 0.5 WATTS AT 125˚C)
PEAK POWER:	200 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)



"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

TABLE 1

dB VALUE	ATTENUATION ACCURACY	VSWR		
		2-4 GHz	4-8 GHz	8-12.4 GHz
1-6 dB	±0.3 dB	1.15:1	1.20:1	1.25:1
7-9 dB	±0.4 dB			
10 dB	±0.3 dB			
11-20 dB	±0.5 dB			

MATERIAL: SEE NOTES

FINISH: SEE NOTES

SURFACE AREA: N/A

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.

DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'

DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

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 63₄MIL-STD-10.
6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.
7) REMOVE ALL BURRS

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

SV Microwave, Inc.
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West Palm Beach, FL 33409

TITLE: SMA PLUG TO JACK ATTENUATOR

SIZE	CAGE CODE	DWG. NO.
B	95077	M3933/14-XX

SCALE: 4:1 SHEET 1 OF 1