

PRODUCT DATA DRAWING

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

MATERIAL:

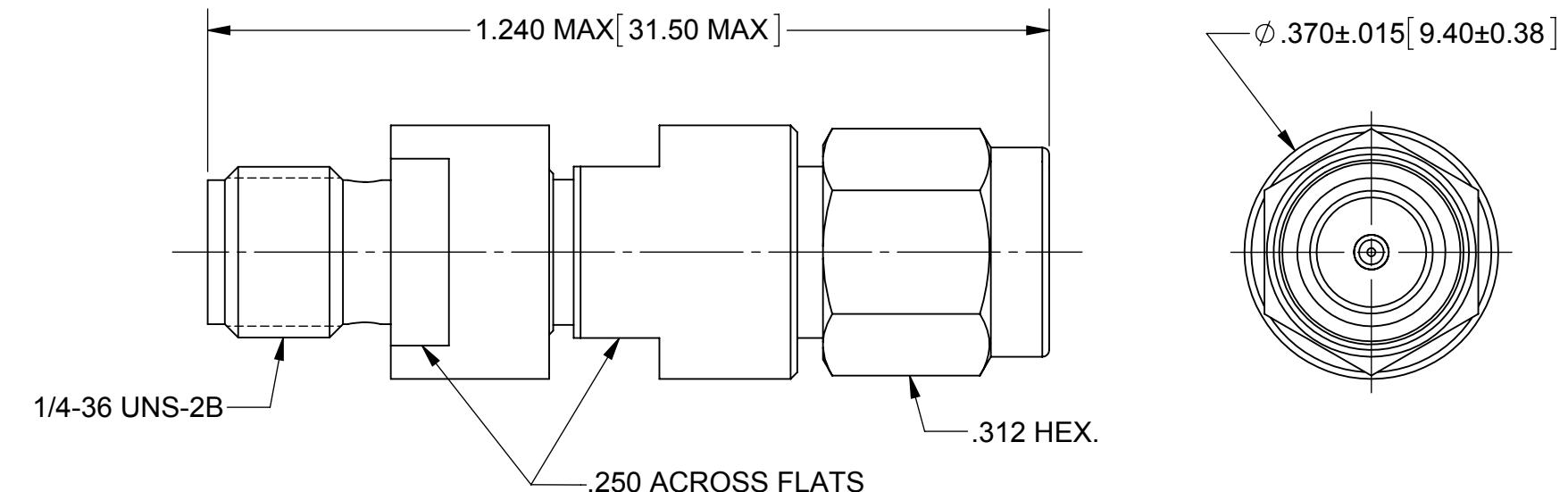
BODIES, COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
LOCK RINGS, CONTACTS:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
SLEEVE:	BRASS PER ASTM B16, ALLOY UNS No. C36000
BELLOWS:	ELECTRO-DEPOSITED GOLD OVER NICKEL
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, 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			
7-9 dB	±0.4 dB			
10 dB	±0.3 dB	1.15:1	1.20:1	1.25:1
11-20 dB	±0.5 dB			

MATERIAL: SEE NOTES
FINISH: SEE NOTES
SURFACE AREA: N/A
PROPRIETARY
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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

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



THIRD ANGLE PROJECTION
DRAWN: CCC 04/19/04
CHECKED: JMC 04/20/04
APPROVED: JMC 04/20/04

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
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

Mouser Electronics

Authorized Distributor

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

Amphenol:

[M3933/25-27N](#) [M3933/25-46N](#) [M3933/25-60N](#) [M3933/25-61N](#) [M3933/25-61S](#) [M3933/25-62N](#) [M3933/25-62S](#)
[M3933/25-27S](#) [M3933/25-28N](#) [M3933/25-28S](#) [M3933/25-29N](#) [M3933/25-30S](#) [M3933/25-31N](#) [M3933/25-32N](#)
[M3933/25-33N](#) [M3933/25-34N](#) [M3933/25-35N](#) [M3933/25-36N](#) [M3933/25-64N](#) [M3933/25-32S](#) [M3933/25-83N](#)
[M3933/25-78N](#) [M3933/25-78S](#) [M3933/25-79S](#) [M3933/25-80N](#) [M3933/25-81N](#) [M3933/25-88N](#) [M3933/25-88S](#)
[M3933/25-70N](#) [M3933/25-66S](#) [M3933/25-67S](#) [M3933/25-68N](#) [M3933/25-68S](#) [M3933/25-69S](#) [M3933/25-71S](#)
[M3933/25-72S](#) [M3933/25-73S](#) [M3933/25-74N](#) [M3933/25-74S](#) [M3933/25-59N](#) [M3933/25-03N](#) [M3933/25-02N](#)
[M3933/25-01N](#) [M3933/25-20N](#) [M3933/25-17N](#) [M3933/25-13N](#) [M3933/25-30N](#) [M3933/25-10S](#) [M3933/25-76S](#)
[M3933/25-41N](#) [M3933/25-64S](#) [M3933/25-39N](#) [M3933/25-58S](#) [M3933/25-06N](#) [M3933/25-05N](#) [M3933/25-20S](#)
[M3933/25-70S](#) [M3933/25-65S](#) [M3933/25-86N](#) [M3933/25-75N](#) [M3933/25-02S](#) [M3933/25-77N](#) [M3933/25-72N](#)
[M3933/25-31S](#) [M3933/25-84N](#) [M3933/25-87S](#) [M3933/25-66N](#) [M3933/25-38S](#) [M3933/25-79N](#) [M3933/25-80S](#)
[M3933/25-19S](#) [M3933/25-13S](#) [M3933/25-84S](#) [M3933/25-09N](#) [M3933/25-12S](#) [M3933/25-07N](#) [M3933/25-08N](#)
[M3933/25-16S](#) [M3933/25-43N](#) [M3933/25-45N](#) [M3933/25-69N](#) [M3933/25-04S](#) [M3933/25-77S](#) [M3933/25-85N](#)
[M3933/25-85S](#) [M3933/25-35S](#) [M3933/25-63N](#) [M3933/25-81S](#) [M3933/25-82N](#) [M3933/25-10N](#) [M3933/25-87N](#)
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[M3933/25-82S](#) [M3933/25-15N](#)