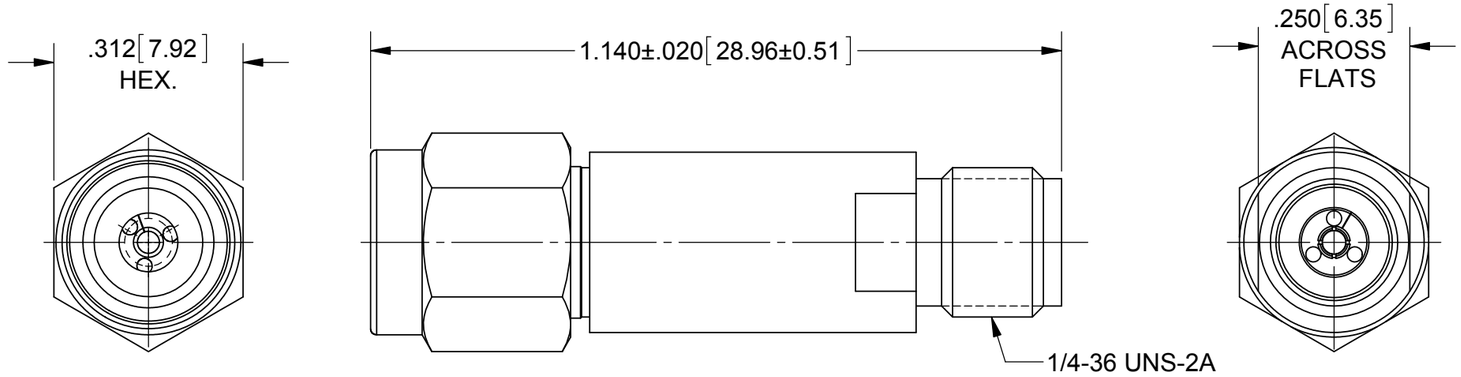
ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 40314	01/14	STW



MATERIAL:

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

LOCK RING & CONTACTS: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

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

BEADS: POLYETHERMIDE PER ASTM D5205 "ULTEM 1000"

BELLOWS SPRINGS: ELECTRO-DEPOSITED GOLD OVER NICKEL

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

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

FINISH:

BODIES, INSERTS, & COUPLING NUT: PASSIVATED PER AMS-2700

CONTACTS: GOLD PER ASTM B488, TYPE I, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

SLEEVE: GOLD PER ASTM B 488, 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 32.0 GHz
VSWR: 1.25:1 MAX. DC TO 18 GHz
1.30:1 MAX 18 TO 26.5 GHz
1.35:1 MAX 26.5 TO 32 GHz
OPERATING TEMP.: -55˚C TO +125˚C
AVG. POWER: 2.0 WATT (POWER INPUT DERATED LINEARLY FROM 25˚C TO 0.5 WATTS AT 125˚C)
PEAK POWER: 500 WATTS (PEAK POWER FOR A DUTY CYCLE OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)

ENGAGEMENT/ DISENGAGEMENT: 2 IN-LBS

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

DRAWN:	JMC 12/09/13
CHECKED:	STW 12/10/13
APPROVED:	STW 12/10/13

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE: SVK JACK TO PLUG DC-32.0 GHz ATTENUATOR

SIZE	CAGE CODE	DWG. NO
B	95077	M3933/30-XX

SCALE: 4:1

ROHS COMPLIANT

		ATTENUATION ACCURACY (+/-)		
M3933/30-XX	dB VALUE	DC-26.5 GHz	26.5-32.0 GHz	DC-32.0 GHz
01	0	-	-	0.5/0
02	0.5	-	-	0.5
03	1	-	-	0.5
04	1.5	-	-	0.5
05	2	-	-	0.5
06	2.5	-	-	0.5
07	3	-	-	0.5
08	3.5	-	-	0.5
09	4	-	-	0.5
10	4.5	-	-	0.5
11	5	-	-	0.5
12	5.5	-	-	0.5
13	6	-	-	0.5
14	6.5	-	-	0.5
15	7	-	-	0.5
16	7.5	-	-	0.5
17	8	-	-	0.5
18	8.5	-	-	0.5
19	9	-	-	0.5
20	9.5	-	-	0.5
21	10	-	-	0.5
22	10.5	-	-	0.5
23	11	-	-	0.5
24	11.5	-	-	0.5
25	12	-	-	0.5
26	13	0.8	1	-
27	14	0.8	1	-
28	15	0.8	1	-
29	16	0.8	1	-
30	17	0.8	1	-
31	18	0.8	1	-
32	19	0.8	1	-
33	20	0.8	1	-
34	25	1	1.5	-
35	30	1	1.5	-

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
-	DCN 40314	01/14	STW

MATERIAL: SEE NOTES

FINISH: SEE NOTES

SURFACE AREA: N/A

PROPRIETARY

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X°X' ±15'

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

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

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7) REMOVE ALL BURRS

DRAWN: JMC 12/23/13

CHECKED:

APPROVED:

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE:
SVK JACK TO SVK PLUG
DC-32 GHz ATTENUATOR

SIZE B | CAGE CODE 95077 | DWG. NO. M3933/30-XX

SCALE: 4:1