



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D	DCN 34173	05/06	JMC

**MATERIAL:**

BODY,  
PRESS CAP &  
COUPLING NUT: STAINLESS STEEL PER AMS-5640,  
ALLOY UNS S30300, TYPE 1

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

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

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

RESISTOR ELEMENT: ALUMINA SUBSTRATE WITH  
NICHROME RESISTOR

**FINISH:**

BODY: GOLD PER ASTM B 488, TYPE I,  
CODE C, CLASS 1.52; OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

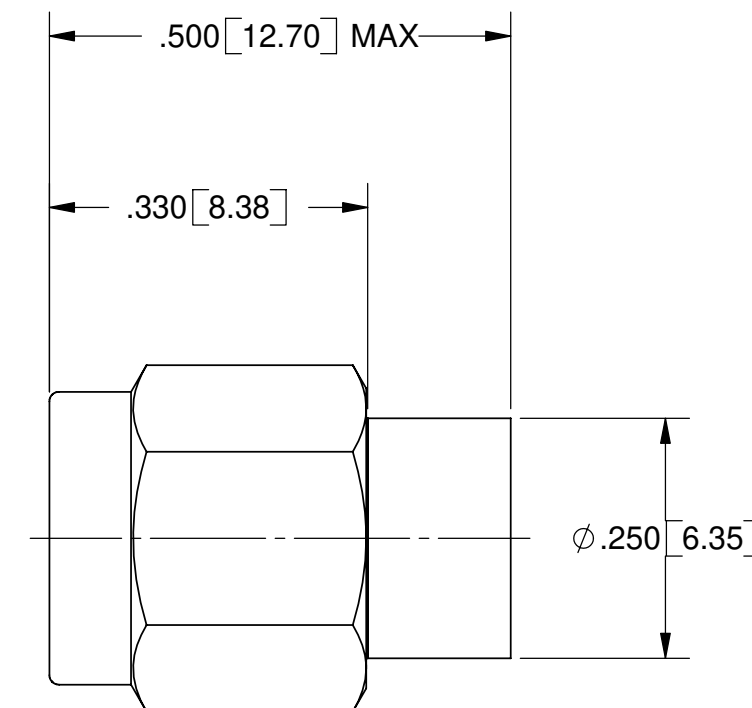
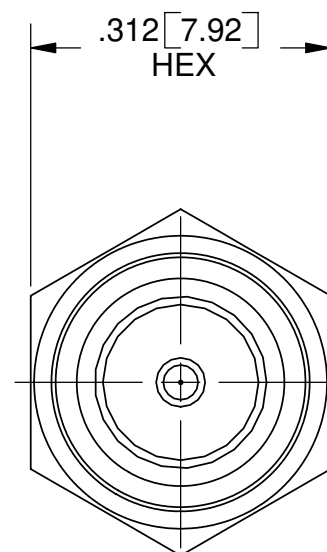
PRESS CAP &  
COUPLING NUT: GOLD PER ASTM B488, TYPE II,  
CODE C, CLASS 0.50; OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

CONTACT: GOLD PER ASTM B488, TYPE II,  
CODE C, CLASS 1.52; OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

**PERFORMANCE:**

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 18.0 GHz  
VSWR: 1.05:1 DC TO 8.0 GHz  
1.10:1 8 TO 12.0 GHz  
1.25:1 12.0 TO 18.0 GHz

AVG. POWER: 1 WATT (POWER INPUT DERATED LINEARLY  
FROM 25°C TO .5 WATTS AT 125°C)  
PEAK POWER: 500 WATTS (PEAK POWER FOR A DUTY CYCLE  
OF 5X10-4 MAXIMUM PULSE DURATION OF  
5 MICROSECONDS)



MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X"X' ±15'	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	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
FINISH: SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: <b>SMA PLUG TERMINATION</b>
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: BRT 10/24/02 CHECKED: STW 10/26/02 APPROVED: STW 10/26/02	SIZE: <b>B</b> CAGE CODE: <b>95077</b> DWG. NO.: <b>8018-6172</b>
<p><b>PROPRIETARY</b></p> <p>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.</p>		SCALE: 5:1	SHEET 1 OF 1