



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

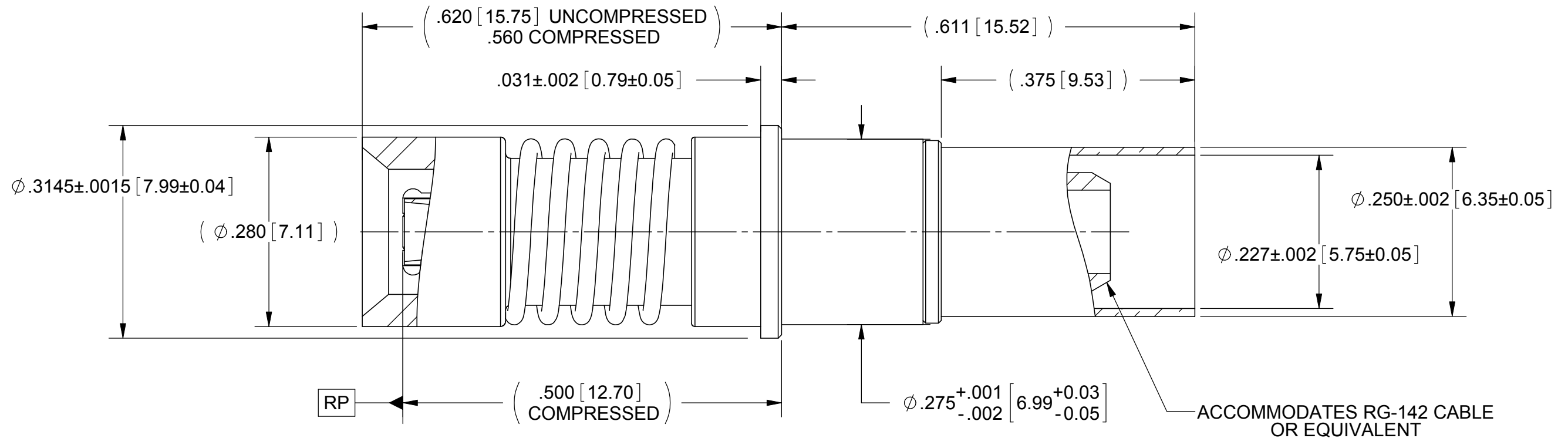
Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	PRELIMINARY	07/07/06	JM
-	DCN 35469 P/N WAS SK-2384	10/24/07	STW
A	REV. DCN 37383	02/24/10	PJS



**MATERIAL:**

BODIES & SLEEVES: STAINLESS STEEL PER AMS-5640,  
ALLOY UNS S30300, TYPE 1

CONTACTS & LOCK RING:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKET:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

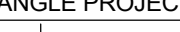
FINISH:

BODIES & SLEEVES:	PASSIVATED PER AMS-2700, TYPE 2.
SPRING:	STAINLESS STEEL PER ASTM A313, TYPE 631.
CONTACT:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

LOCK RING: NICKEL PER AMS-QQ-N-290

PERFORMANCE:  
 IMPEDANCE: 50 OHMS  
 FREQ. RANGE: DC TO 12.0 GHz  
 VSWR: 1.3:1 MAX. MATED PAIR DC TO 12.0 GHz  
 INSERTION LOSS: .06 X SQRT(F(F IN GHz))  
 DWV: 1000 VRMS  
 OPERATING TEMP.: -55°C TO +125°C

## SIZE 8 SOCKET CONTACT

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		<div>SV Microwave, Inc.</div> <div>2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409</div> <div>TITLE: 12 GHZ BMZ MALE TO RG-142 FOR M38999 SIZE 8 CAVITY</div>				
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$		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.						
SURFACE AREA:	N/A	DECIMAL: X $\pm .030$ .XX $\pm .010$ .XXX $\pm .005$		5) SURFACE ROUGHNESS $\sqrt{63}$ MIL-STD-10 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS						
PROPRIETARY		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		THIRD ANGLE PROJECTION		DRAWN:		JMC 07/07/06		
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.				CHECKED:		JM 07/07/06		SIZE	CAGE CODE	DWG. NO.
				APPROVED:		JM 07/07/06		B	95077	SF9811-6002
								SCALE: 6:1		SHEET 1 OF 1