



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

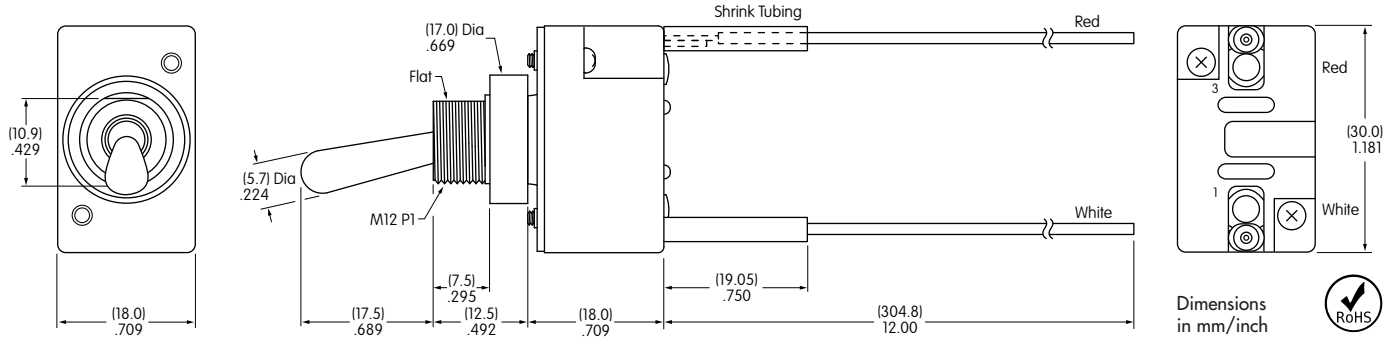
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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






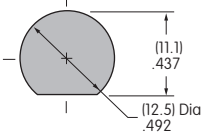

## S1AW-WL



Dimensions in mm/inch



### SINGLE POLE SOLDER LUG WITH PANEL SEAL

Base Switch	Pole & Throw	Toggle Position/Connected Terminals			Electrical Capacity			Panel Cutout
		Down 	Center 	Up 	Resistive			
S1AW	SPST	ON 1-3	NONE	OFF —	AC 125V 15A	AC 250V 6A	DC 30V 20A	 Maximum Panel Thickness: .158" (4.0mm)
Throw & Schematics:		SPST  INTERNAL CONNECTION			Note: Terminal numbers are actually on the switch			

Wiring				Wire Specifications		Standard Hardware
No. of Wires	Terminal 1	Terminal 2	Terminal 3	UL1015	Temperature Range: -40°C ~ +105°C (-40°F ~ +221°F)	AT503M Hex Face Nut
2	White	—	Red	600V	Stripped Wire Ends 1/4"	AT508 Lockwasher
				14 AWG		AT537 O-ring

## Base Switch Specifications

### Electrical Capacity (Resistive & Inductive Load)

Power Level: 15A @ 125V AC or 6A @ 250V AC or 20A @ 30V DC

### Other Ratings

- Contact Resistance:** 10 milliohms maximum
- Insulation Resistance:** 1,000 megohms minimum @ 500V DC
- Dielectric Strength:** 2,000V AC minimum for 1 minute minimum
- Mechanical Life:** 50,000 operations minimum
- Electrical Life:** 25,000 operations minimum
- Angle of Throw:** 24°

### Materials & Finishes

- Toggle:** Brass with chrome plating
- Bushing:** Brass with chrome plating
- Case:** Phenolic resin
- Case Cover:** Steel with zinc plating
- Movable Contactor:** Copper with silver plating
- Movable Contacts:** Silver alloy capped on copper with silver plating
- Stationary Contacts:** Silver alloy capped on copper with silver plating
- Terminals:** Brass with tin plating

### Environmental Data

- Operating Temperature Range:** -30°C ~ +70°C (-22°F ~ +158°F)
- Sealing:** Splashproof panel seal model meets IP67 standard

### Installation

- Mounting Torque:** 1.47Nm (13 lb•in)