



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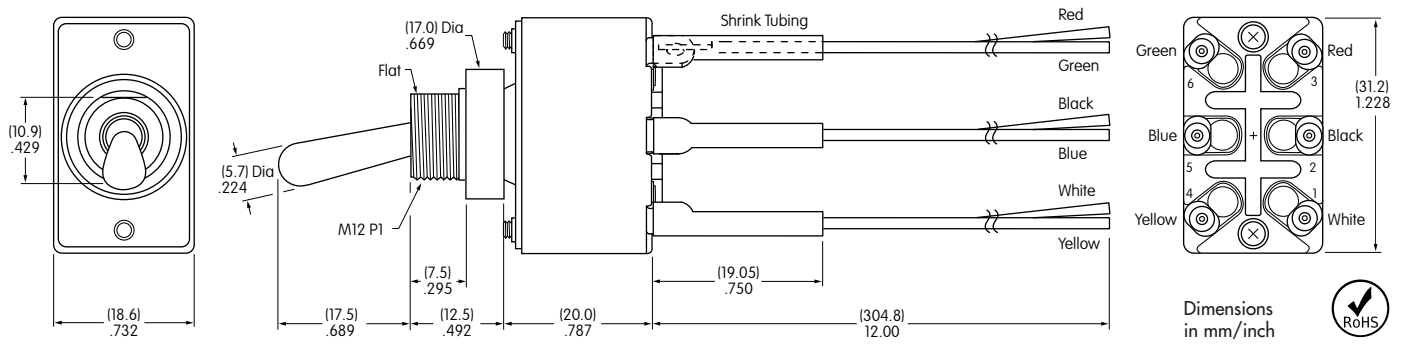
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Medium Capacity Standard Size Toggle with Wire Leads

Series S




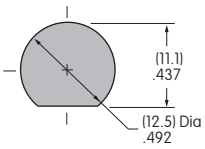

S6AW-WL



Dimensions in mm/inch



DOUBLE POLE SOLDER LUG WITH PANEL SEAL

Base Switch	Pole & Throw	Toggle Position/Connected Terminals			Electrical Capacity			Panel Cutout
		Down 	Center 	Up 	Resistive			
S6AW	DPDT	ON 2-3 5-6	NONE	ON 2-1 5-4	AC 125V 20A	AC 250V 10A	DC 30V 20A	 Maximum Panel Thickness: .158" (4.0mm)
Throw & Schematics: 					Note: Terminal numbers are actually on the switch.			

Wiring							Wire Specifications		Standard Hardware
No. of Wires	Terminal 1	Terminal 2	Terminal 3	Terminal 4	Terminal 5	Terminal 6	UL1015	Temperature Range: -40°C ~ +105°C (-40°F ~ +221°F)	AT503M Hex Face Nut
6	White	Black	Red	Yellow	Blue	Green	600V		AT508 Lockwasher
							14 AWG	Stripped Wire Ends 1/4"	AT537 O-ring

Base Switch Specifications

Electrical Capacity (Resistive & Inductive Load)

Power Level: 20A @ 125V AC or 10A @ 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: 22°

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)