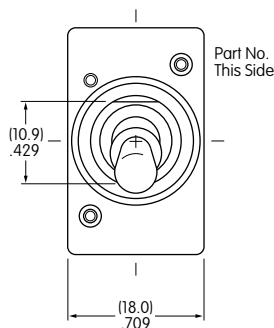
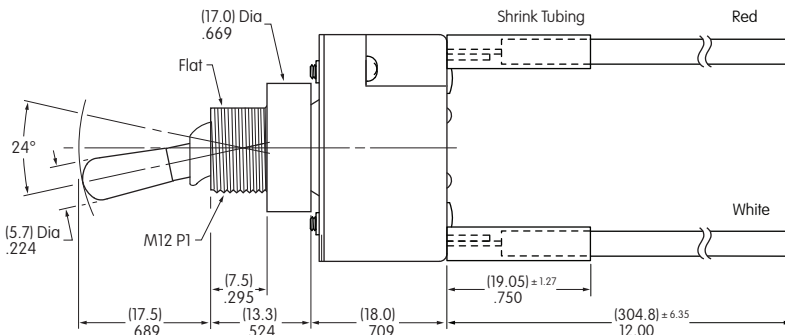


## S1AWB-WL

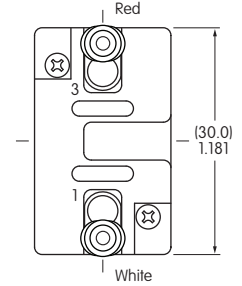
### Bushing Mount




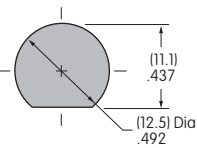
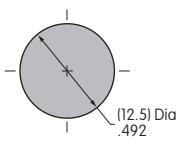

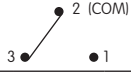


### Single Pole



Dimensions in mm/inch



BASE SWITCH	POLES & CIRCUITS			PANEL CUTOUTS		
S1AWB	<b>Toggle Position/Connected Terminals</b> NONE = No Position					
	Pole & Throw	<b>Down</b> 	<b>Center</b> 	<b>Up</b> 	Anti-rotation 	No Anti-rotation 
		SPST	ON 1-3	NONE	OFF —	
	<b>Schematics:</b>					<b>Maximum Effective Panel Thickness:</b> .118" (3.0mm)
Note: Terminal numbers are actually on the switch						

Wiring				Wire Specifications		Standard Hardware
Number of Wires	Terminal 1	Terminal 2	Terminal 3	UL1015	Temperature Range: -40°C ~ +105°C (-40°F ~ +221°F)	1 – AT503M Hex Face Nut
2	White	—	Red	600V		1 – Lockwasher
				14 AWG	Stripped Wire Ends 1/4"	1 – AT537 O-ring

## Base Switch Specifications

### Electrical Capacity (Resistive 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°

### Environmental Data

- Operating Temperature Range:** -30°C through +70°C (-22°F through +158°F)
- Sealing:** Waterproofing, achieved with boot at base of lever plus o-rings inside and outside of bushing, meets IP68 of IEC 60529 Standards (dust tight and protection against effects of temporary immersion).

RoHS Compliant: 

### Processing

**Soldering:** Manual Soldering: 390°C for 4 seconds, 2 cycles