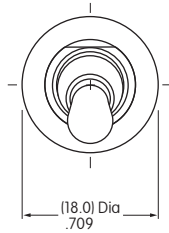
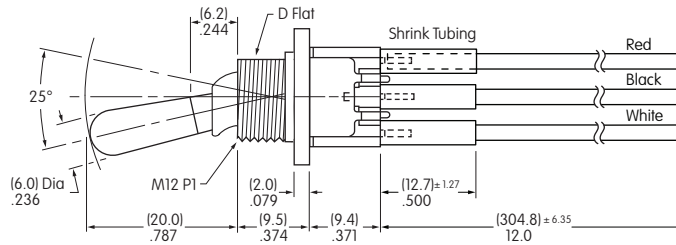


## M2012WBW01-WL

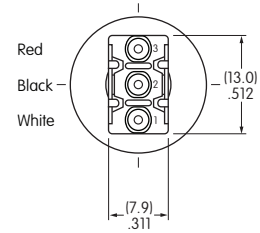
### Bushing Mount



### Single Pole

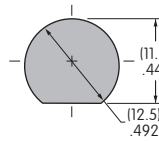


Dimensions in mm/inch

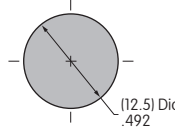


## BASE SWITCH      PANEL CUTOUTS & THICKNESS

M2012WBW01










Anti-rotation



No Anti-rotation

**Maximum Effective Panel Thickness**  
.118" (3.0mm)

## POLES & CIRCUITS

Pole	Model	Toggle Position NONE = No Position			Connected Terminals			Throw & Schematics
		Up 	Center 	Down 	Up 	Center 	Down 	
SP	M2012	ON	NONE	ON	2-3	OPEN	2-1	SPDT 

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 – AT401P O-ring
3	White	Black	Red	600V		1 – AT503M Hex Face Nut
				18 AWG	Stripped Wire Ends 0.16"	1 – AT508 Lockwasher

## Base Switch Specifications

### Electrical Capacity (Resistive Load)

**Power Level:** 6A @ 125V AC & 3A @ 250V AC; 4A @ 30V DC

### Other Ratings

- Contact Resistance:** 10 milliohms maximum
- Insulation Resistance:** 1,000 megohms minimum @ 500V DC
- Dielectric Strength:** 1,000V AC minimum between contacts for 1 minute minimum; 1,500V AC minimum between contacts and case for 1 minute minimum
- Mechanical Life:** 50,000 operations minimum
- Electrical Life:** 50,000 operations minimum for 3A @ 250V AC; 25,000 operations minimum for 6A @ 125V AC
- Angle of Throw:** 25°

### Environmental Data

- Operating Temperature Range:** -30°C through +85°C (-22°F through +185°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: 350°C for 3 seconds maximum, 1 cycle  
Note: Lever must be in OFF (center) position while soldering.