

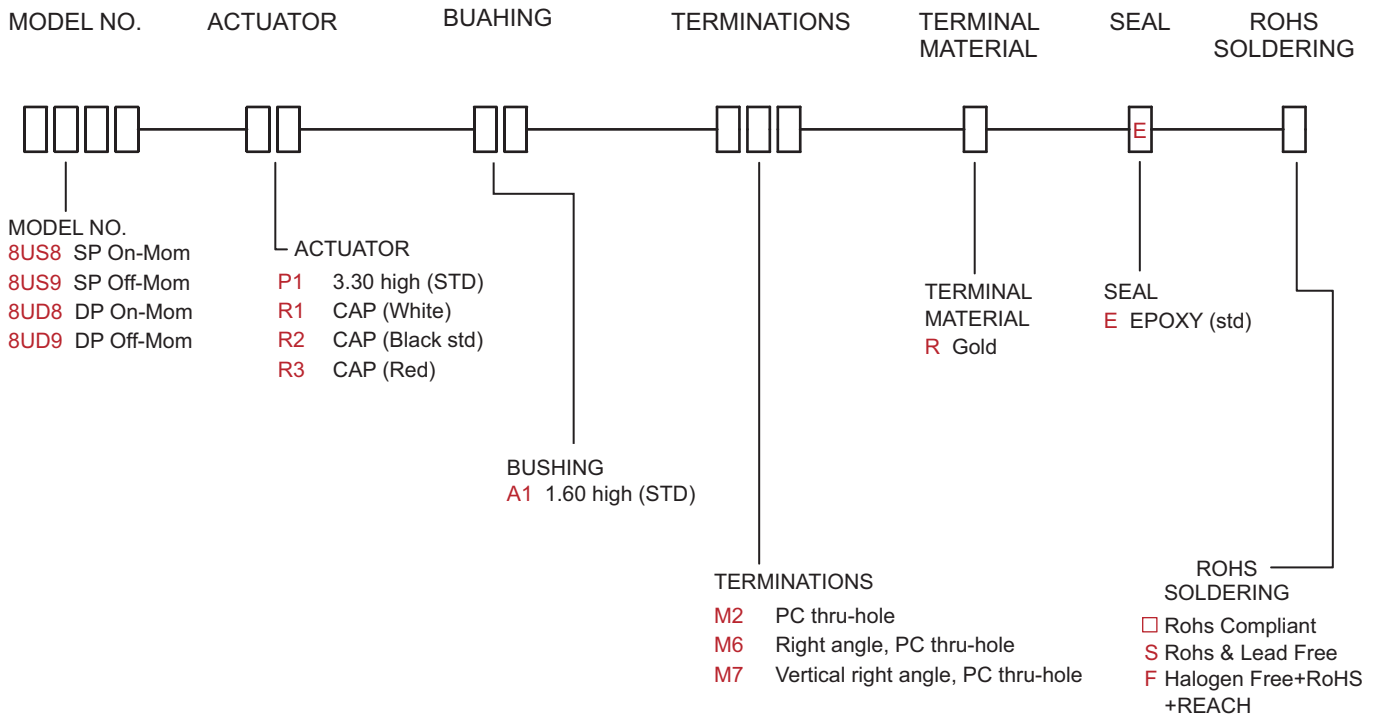
**SPECIFICATIONS**

**CONTACT RATING:** 0.4 VA max. @ 20 V AC or DC max.  
**MECHANICAL LIFE:** 40,000 make-and-break cycles.  
**CONTACT RESISTANCE:** Below 100mΩ typ. initial @ 2-4VDC, 100mA.  
**INSULATION RESISTANCE:** 500MΩ min.  
**DIELECTRIC STRENGTH:** 500 V RMS@sea level.  
**OPERATING TEMPERATURE:** -30°C to 85°C.

**MATERIALS**

**HOUSING AND BASE:** Glass filled nylon 6/6 or 4/6 , flame retardant ,heat stabilized(UL94V-0)  
**ACTUATOR:** Glass filled nylon 6/6 , flame retardant, heat stabilized (UL94V-0), with standard internal o-ring seal.  
**SWITCH SUPPORT:** Steel, whit nickel plate.  
**CONTACTS/TERMINALS:** Slive plate plated copper alloy.

**HOW TO ORDER**



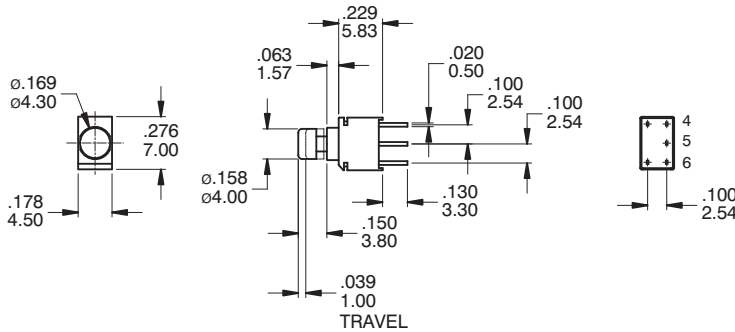
Pushbutton Switches

## SWITCH FUNCTION

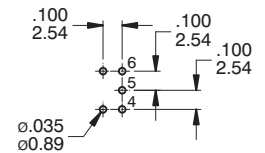
NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
		POS.1	POS.2	POS.1	POS.2
SP	8US8	ON	MOM	5-6 	5-4 
	8US9	OFF	MOM	OPEN	4-6 
DP	8UD8	ON	MOM	2-3,5-6 	2-1,5-4 
	8UD9	OFF	MOM	OPEN	1-3,4-6 

MOM=MOMENTARY

### M2



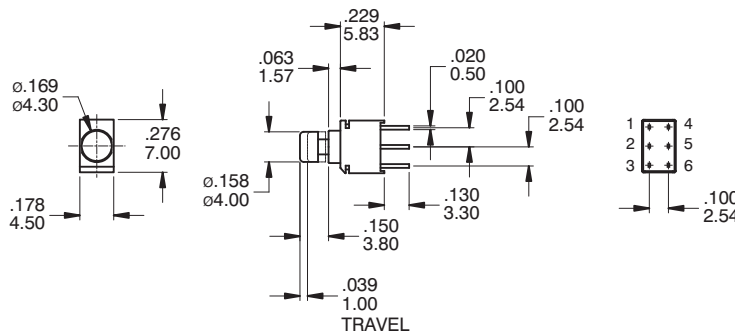
#### P.C. MOUNTING



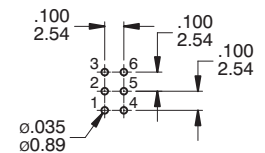
### SPDT

Part No. Shown : 8US8R2A1M2RE

### M2



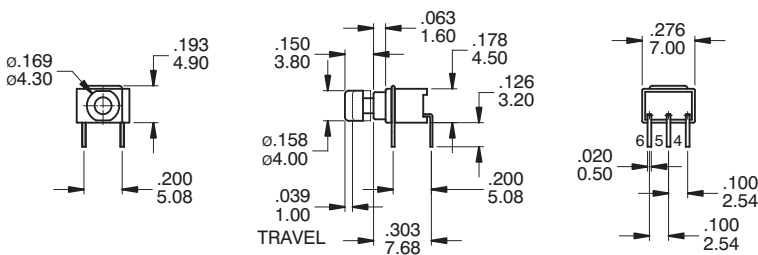
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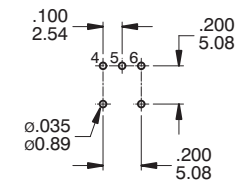
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Part No. Shown : 8UD8R2A1M2RE

### M6



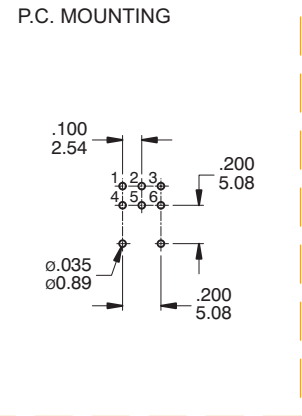
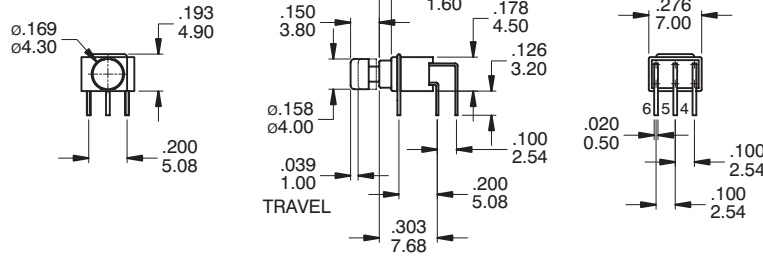
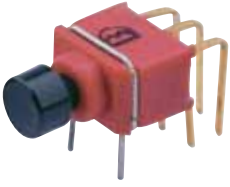
#### P.C. MOUNTING



### SPDT

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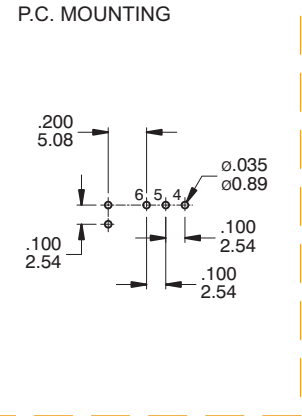
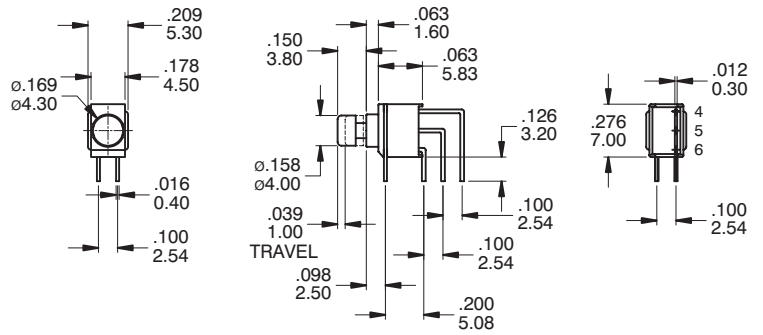
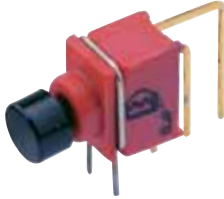
**M6**



**DPDT**

Part No. Shown : 8UD8R2A1M6RE

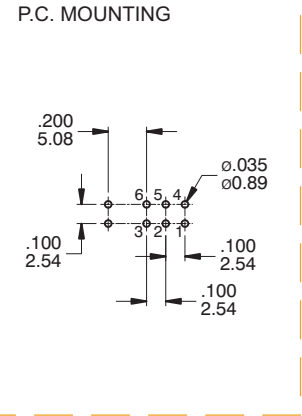
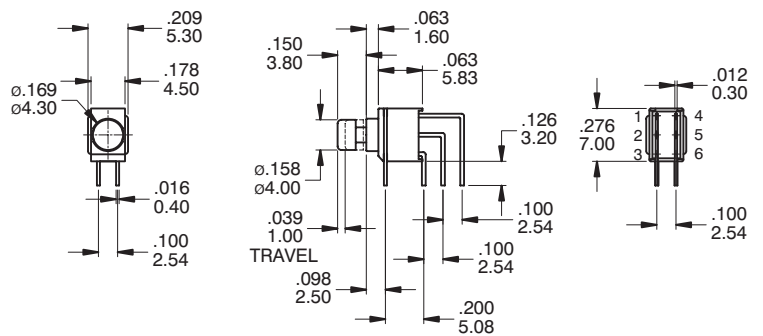
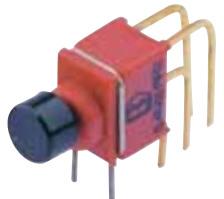
**M7**



**SPDT**

Part No. Shown : 8US8R2A1M7RE

**M7**



**DPDT**

Part No. Shown : 8UD8R2A1M7RE

Pushbutton Switches



**IP 67**  
 ACCORDING TO  
 EN 60529:1991+A1:2001  
 IEC 60529:2001

**SOLDERING PROCESSES**

**WAVE SOLDERING** : Recommended Soldering Temperature :  $260 \pm 5^{\circ}\text{C}$   
 Duration of Solder Immersion :  $5 \pm 1$  seconds  
 (PCB is 1.6mm in thickness)

**SOLDERING** : Vapor phase

