

8U Series

Sealed Ultraminiature Pushbutton Switches



SPECIFICATIONS

CONTACT RATING: 0.4 VA max. @ 20 V AC or DC max.

MECHANICAL LIFE: 40,000 make-and-break cycles.

CONTACT RESISTANCE: **Below** 100 mΩ typ. initial @ 2-4VDC, 100mA.

INSULATION RESISTANCE: 500 MΩ min.

DIELECTRIC STRENGTH: 500 Vrms min.@sea level.

OPERATING TEMPERATURE: -40°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,with Sn plate.

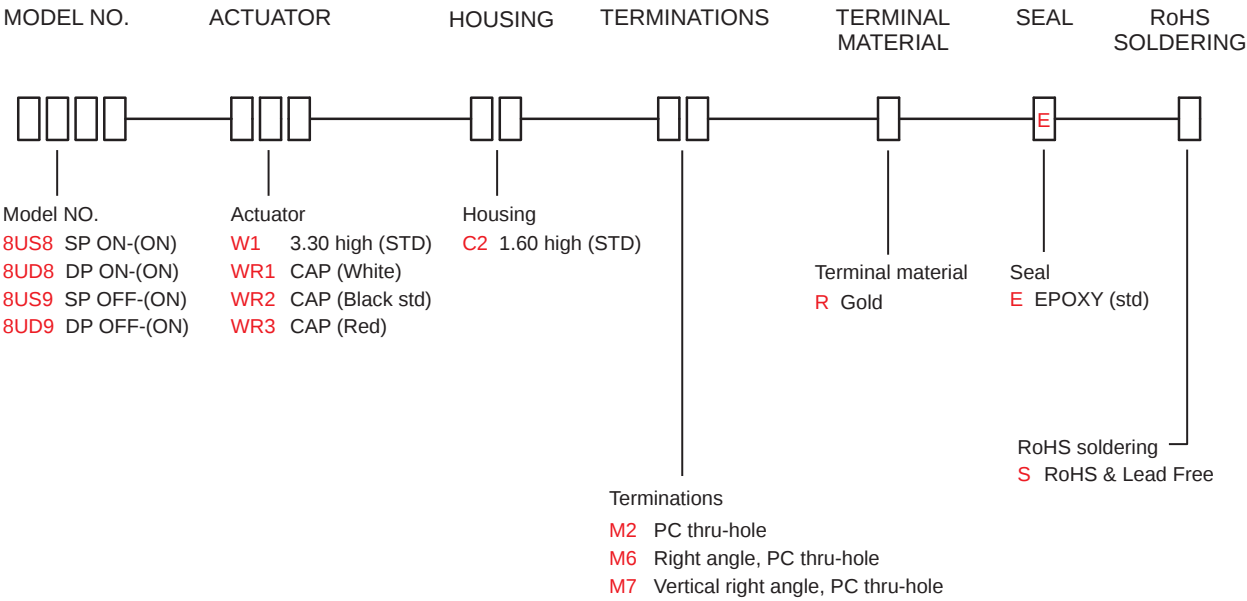
CONTACT: Phosphor bronze,Gold plated.

TERMINALS: Brass,Gold plated.

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

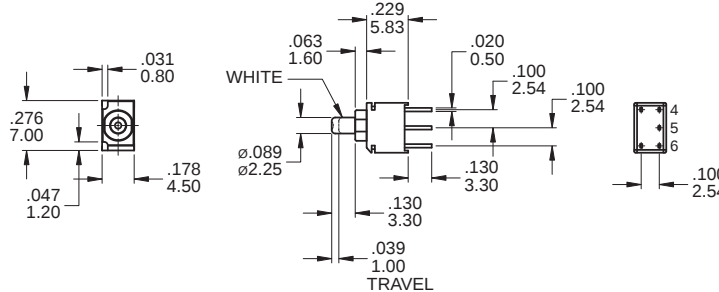


HOW TO ORDER

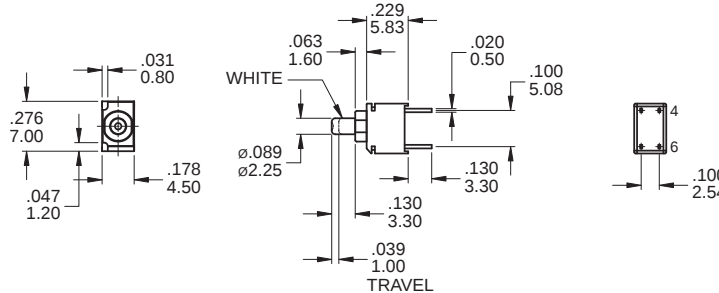


NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
		POS.1	POS.2	POS.1	POS.2
SP	8US8	ON	(ON)	5-6 	5-4
	8US9	OFF	(ON)	OPEN 	4-6
DP	8UD8	ON	(ON)	2-3,5-6 	2-1,5-4
	8UD9	OFF	(ON)	OPEN 	1-3,4-6

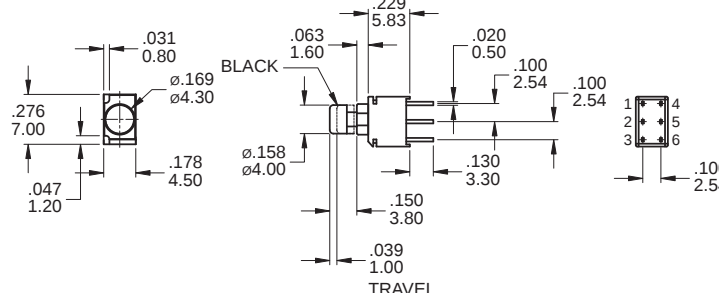
POLE OPTIONS



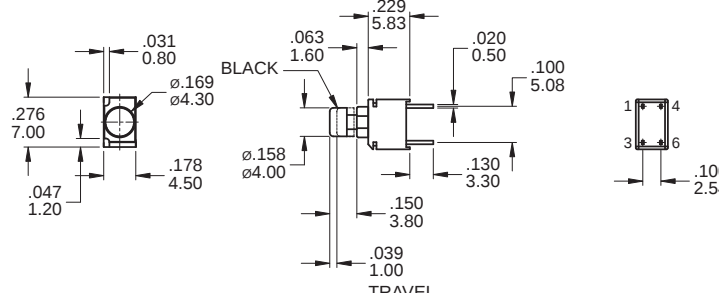
Part No. Shown : 8US8W1C2M2RE



Part No. Shown : 8US9W1C2M2RE



Part No. Shown : 8UD8WR2C2M2RE

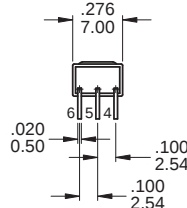
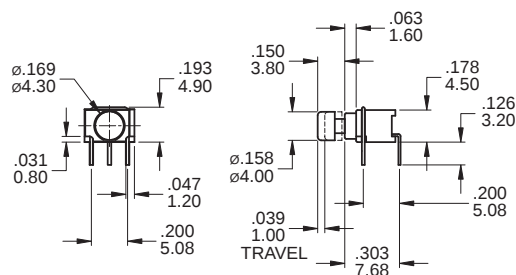


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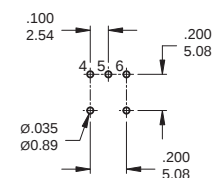
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M6



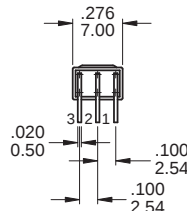
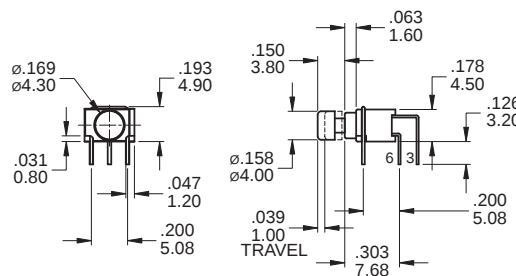
P.C. MOUNTING



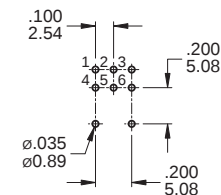
SPDT

Part No. Shown : 8US8WR2C2M6RE

M6



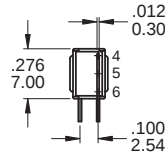
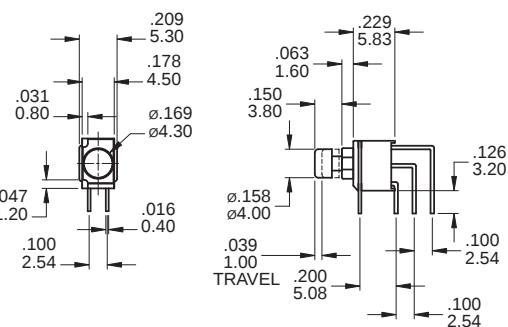
P.C. MOUNTING



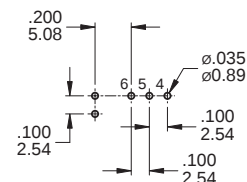
DPDT

Part No. Shown : 8UD8WR2C2M6RE

M7



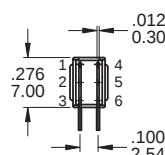
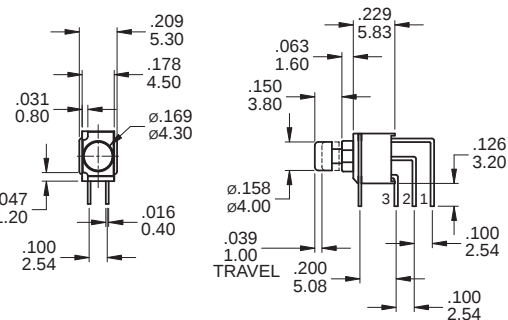
P.C. MOUNTING



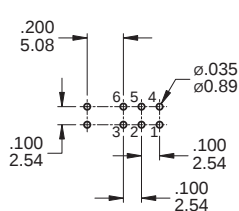
SPDT

Part No. Shown : 8US8WR2C2M7RE

M7



P.C. MOUNTING



DPDT

Part No. Shown : 8UD8WR2C2M7RE

SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature: $270 \pm 5^{\circ}\text{C}$

Duration of Solder Immersion: Max 5 sec.(PCB is 1.6mm in thickness)

Mouser Electronics

Authorized Distributor

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Dailywell:

[8US8WR2C2M6RES](#) [8UD8WR2C2M2RES](#)