

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: -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, with Sn plate.

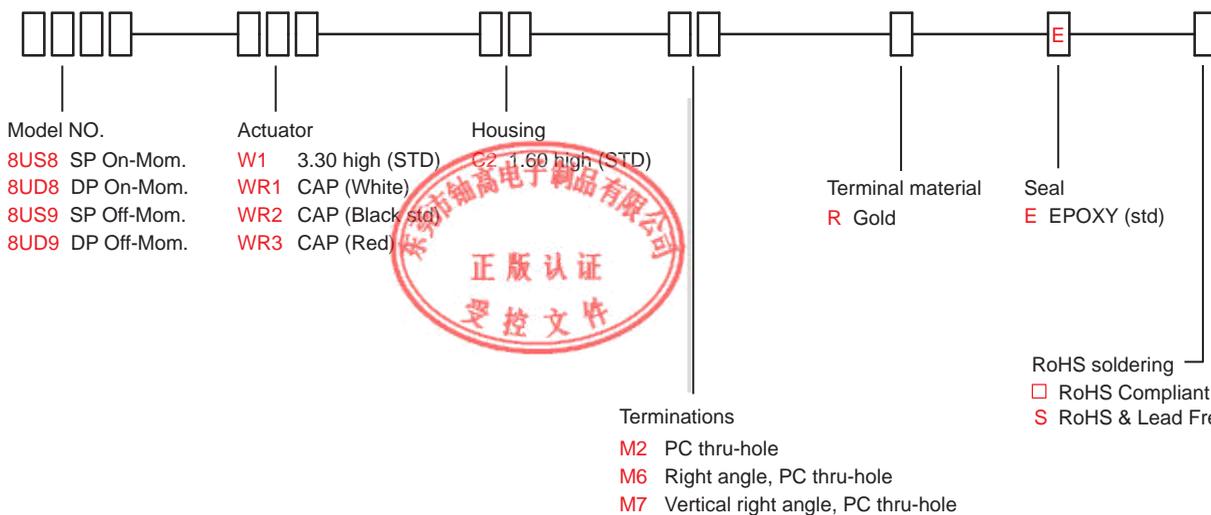
CONTACTS/TERMINALS: Gold plated copper alloy.

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



HOW TO ORDER

MODEL NO. ACTUATOR HOUSING TERMINATIONS TERMINAL MATERIAL SEAL RoHS SOLDERING



8U Pushbutton Switches

8U Series

Sealed Ultraminiature Pushbutton Switches

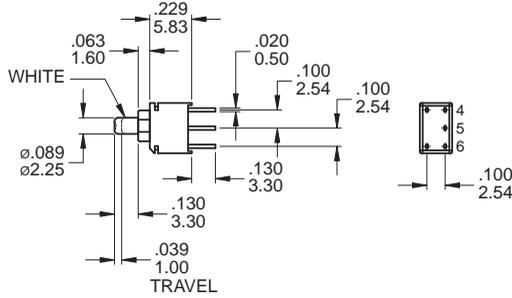
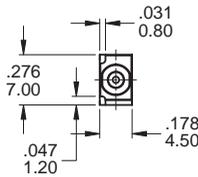
SWITCH FUNCTION

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

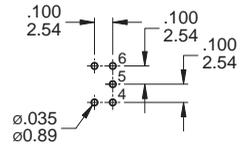
MOM=MOMENTARY

POLE OPTIONS

M2



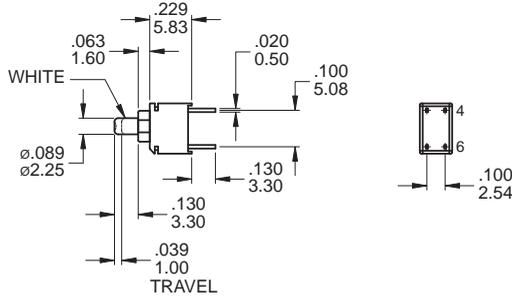
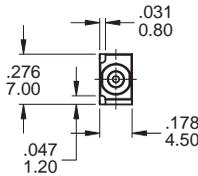
P.C. MOUNTING



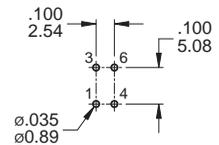
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SPDT

M2



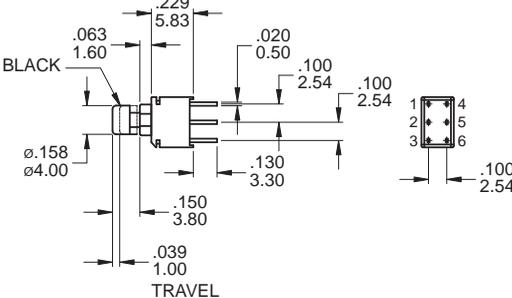
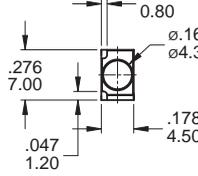
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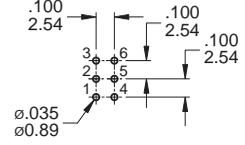
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SPST

M2



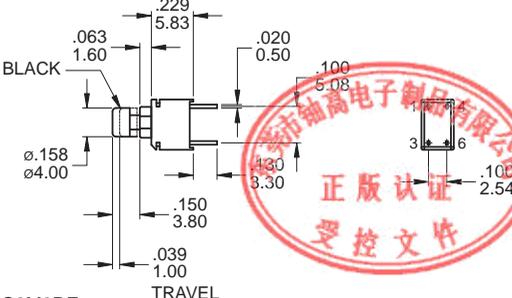
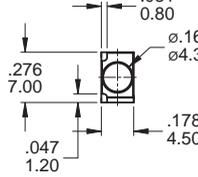
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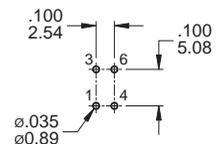
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DPDT

M2

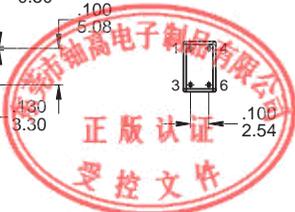


P.C. MOUNTING



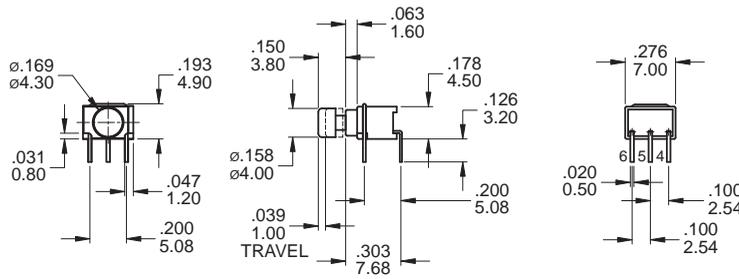
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DPST

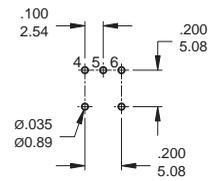


8U Pushbutton Switches

M6

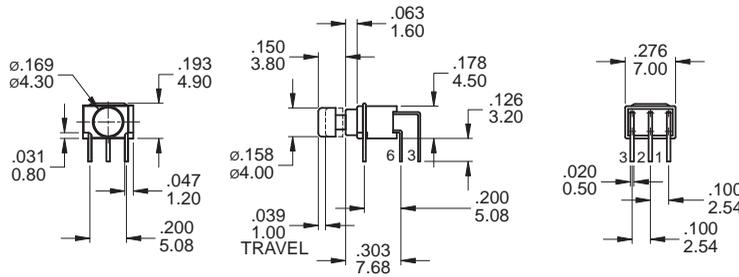


P.C. MOUNTING

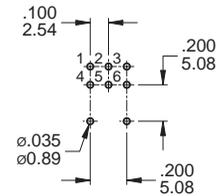


Part No. Shown : 8US8WR2C2M6RE

M6



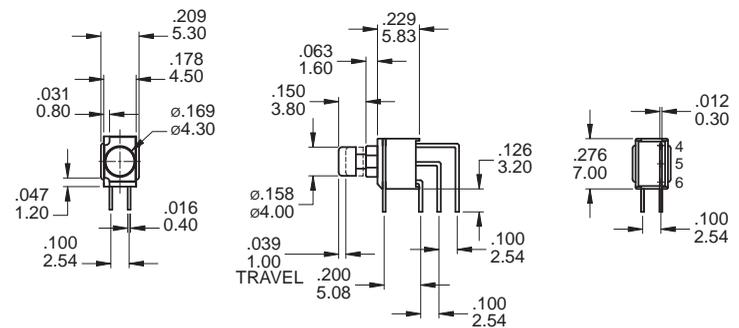
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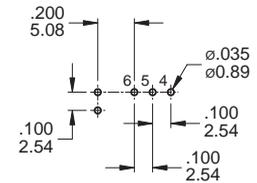
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DPDT

M7



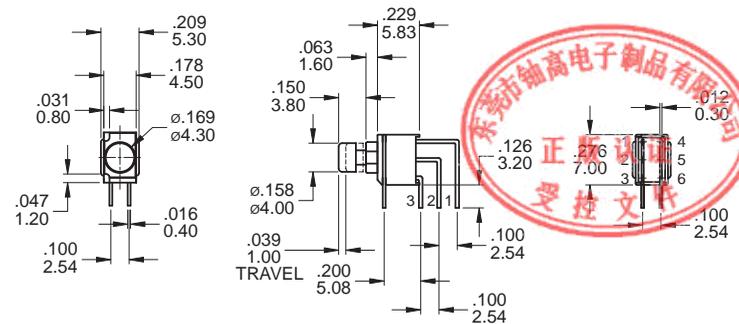
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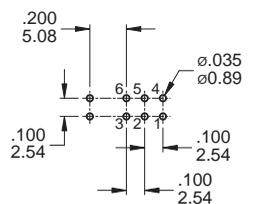
Part No. Shown : 8US8WR2C2M7RE

SPDT

M7



P.C. MOUNTING



Part No. Shown : 8UD8WR2C2M7RE

DPDT

SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature: 270 ± 5°C

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

