

Sealed Ultraminiature Pushbutton Switches



SPECIFICATIONS

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

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

CONTACT RESISTANCE: Below 100m Ω typ. initial @ 2-4 V DC, 100mA.

INSULATION RESISTANCE: 500 MΩ min.

DIELECTRIC STRENGTH: 500 V RMS@sea level.

OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS

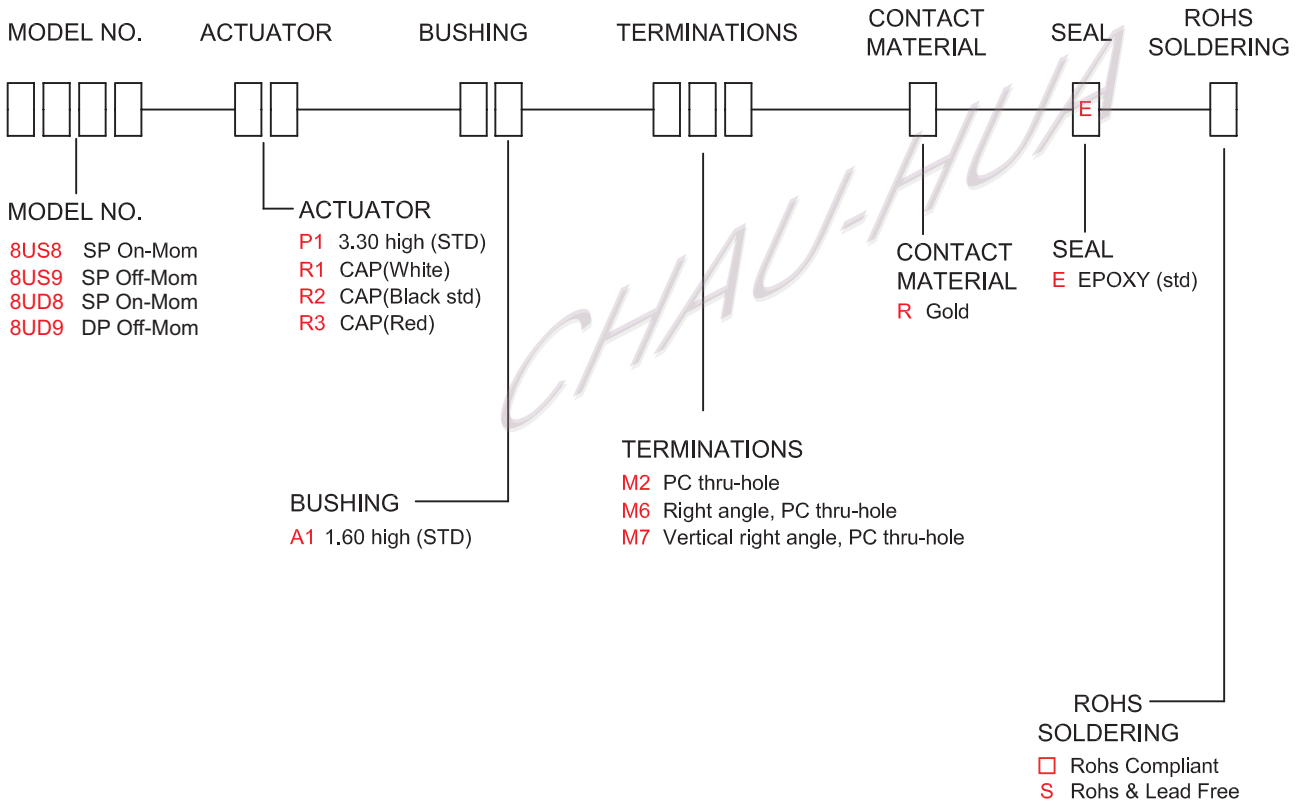
HOUSING AND BASE: Glass filled nylon 66 or 4/6 flame retardant, heat stabilized (UL 94V-0)

ACTUATOR: Glass filled nylon 6/6, flame retardant, heat stabilized (UL94V-0), with standard internal o-ring seal.

SWITCH SUPPORT: Steel, with nickel plated.

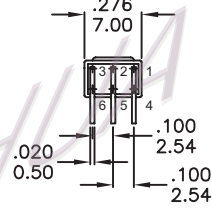
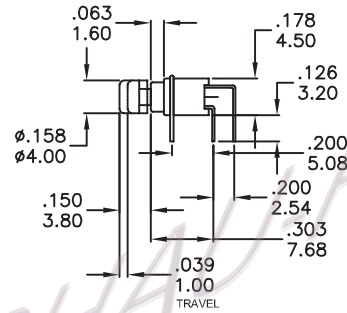
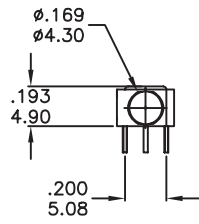
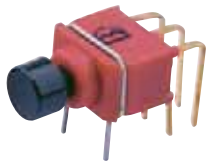
CONTACTS/TERMINALS: Silver or gold plated copper alloy

HOW TO ORDER

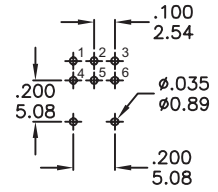


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M6



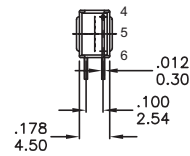
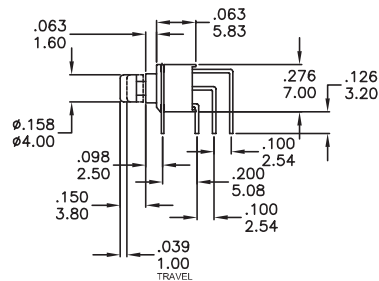
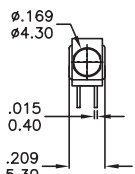
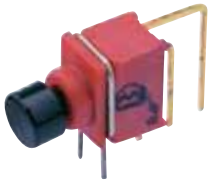
P.C. MOUNTING



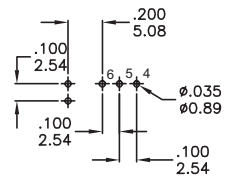
DPDT

Part No. Shown : 8UD8R2A1M6RE

M7



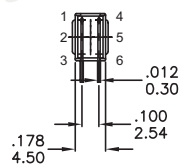
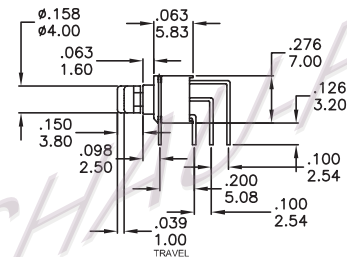
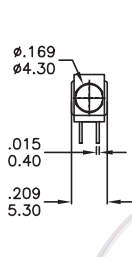
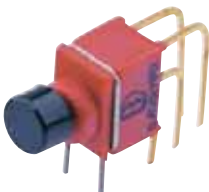
P.C. MOUNTING



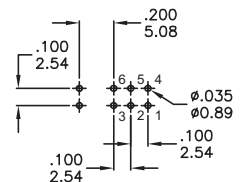
SPDT

Part No. Shown : 8US8R2A1M7RE

M7



P.C. MOUNTING



DPDT

Part No. Shown : 8UD8R2A1M7RE

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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 ± 1 seconds
(PCB is 1.6mm in thickness)

SOLDERING : Vapor phase

Temperature Profile

Zone	Room temperature	Time (Sec)
Pre-heat (A)	150°C	Min 120s
Soak (B)	180°C~200°C	Min 150s
Peak (C)	200°C~235°C	Min 30s
Peak (D)	235°C~260°C	Min 40s
Peak (E)	260°C	Max 10s

