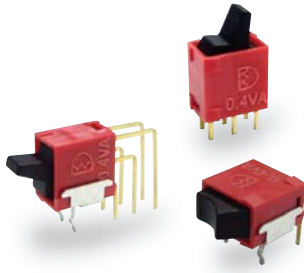


# 4U Series

Sub-Miniature Rocker Switches



## SPECIFICATIONS

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

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

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

**INSULATION RESISTANCE:** DC500V 500 MΩ.

**DIELECTRIC STRENGTH:** 500 Vrms min@sea level.

**OPERATING TEMPERATURE:** -30°C to 85°C.

## MATERIALS

**CASE & BUSHING :** Glass filled nylon 6/6,flame retardant, heat stabilized (UL94V-0).

**ACTUATOR:** Nylon,black std.

**SWITCH SUPPORT:** Brass or steel,tin plated.

**CONTACTS/TERMINALS:** Gold plated copper alloy.

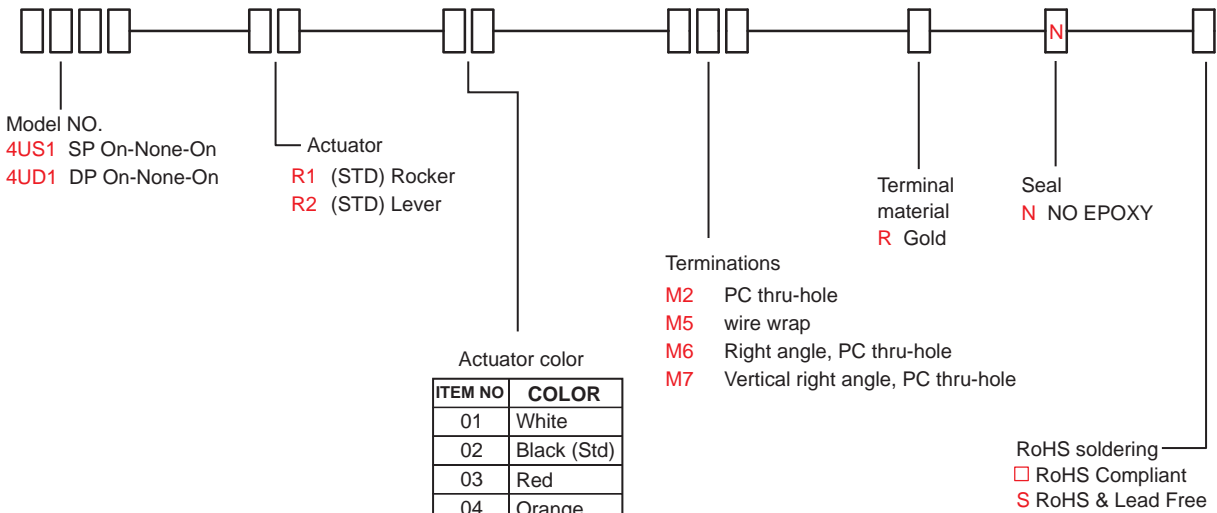
4U  
Rocker Switches



## HOW TO ORDER

MODEL NO.      ACTUATOR      ACTUATOR COLOR      TERMINATIONS      TERMINAL MATERIAL      SEAL      RoHS SOLDERING

See below



\* Besides standard color, other colors need to check stocks available.

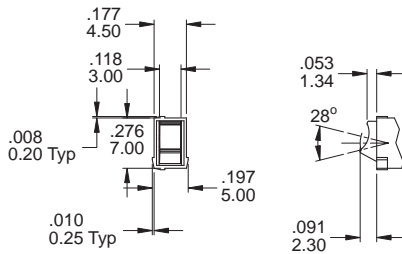
## SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	4US1	ON	NONE	ON	5-6 	N/A	5-4 
DP	4UD1	ON	NONE	ON	5-6,2-3 	N/A	5-4,2-1 

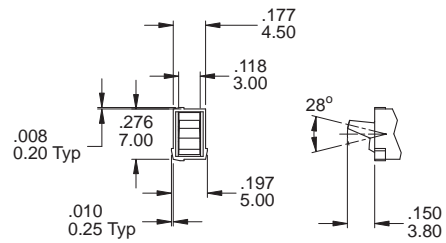
MOM=MOMENTARY

## ACTUATOR OPTIONS / PANEL MOUNT

**R1**

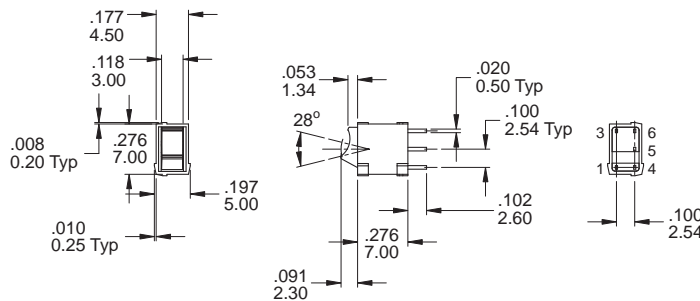


**R2**

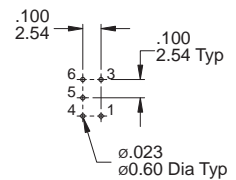


## POLE OPTIONS

**M2**



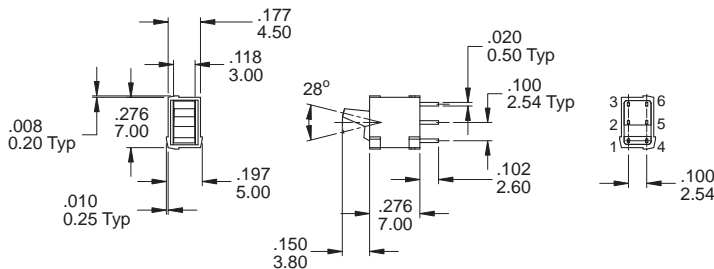
P.C. MOUNTING



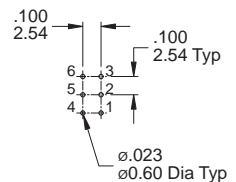
**SPDT**

Part No. Shown : 4US1R102M2RNS

**M2**



P.C. MOUNTING



**SPDT**

Part No. Shown : 4UD1R202M2RNS



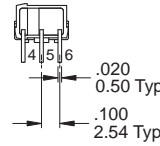
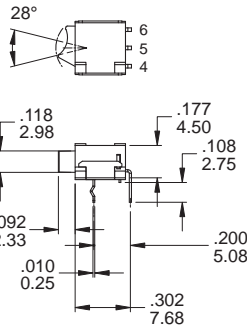
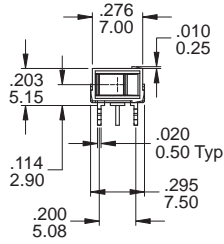
# 4U Series

Sub-Miniature Rocker Switches

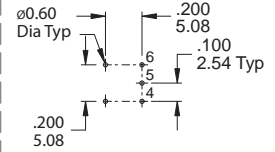


4U  
Rocker Switches

M6



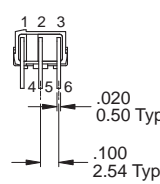
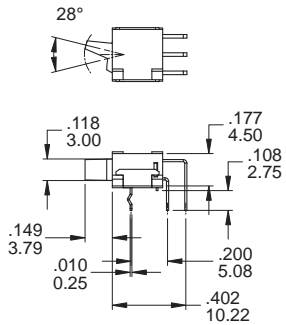
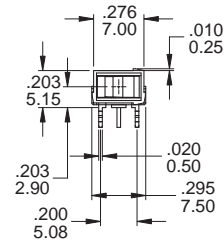
P.C. MOUNTING



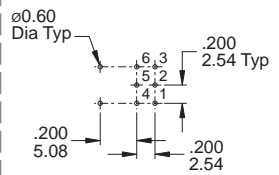
SPDT

Part No. Shown : 4US1R102M6RNS

M6



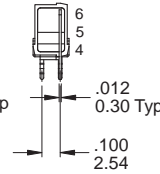
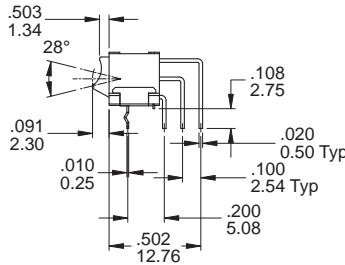
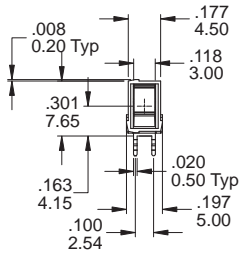
P.C. MOUNTING



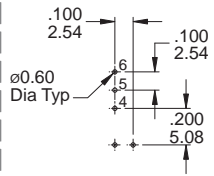
DPDT

Part No. Shown : 4UD1R202M6RNS

M7



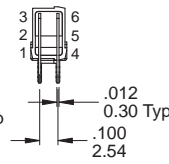
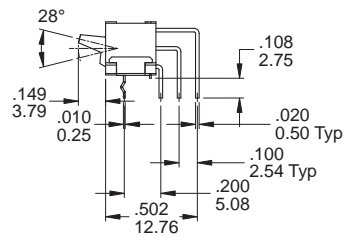
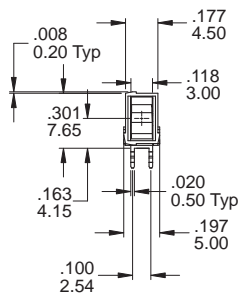
P.C. MOUNTING



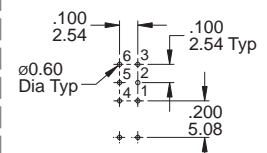
SPDT

Part No. Shown : 4US1R102M7RNS

M7



P.C. MOUNTING



DPDT

Part No. Shown : 4UD1R202M7RNS

## SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature:  $260 \pm 5^\circ\text{C}$

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