**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 value)
@ 2-4VDC, 100mA.**INSULATION RESISTANCE:** 500MΩ min/500VDC**DIELECTRIC STRENGTH:** 500 Vrms min@sea level. (initial value)**OPERATING TEMPERATURE:** -30°C to 85°C.**MATERIALS****HOUSING & 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).**SWITCH SUPPORT:** Brass with tin plate**CONTACT:** Phosphor bronze with gold plated over nickel plated.**TERMINALS:** Brass with gold plated over nickel plated.**HOW TO ORDER**

MODEL NO.	ACTUATOR	HOUSING COLOR	ACTUATOR COLOR	TERMINAL TYPE	TERMINAL PLATING	SEAL	RoHS SOLDERING
SP 4US1 ON-NONE-ON	R1 Rocker(std) R2 Lever(std)	0 Red(std) 2 Black		M2 PC thru-hole M6 Right angle, PC thru-hole M7 Vertical right angle, PC thru-hole	R Gold	N NO EPOXY(std)	S RoHS & Lead Free
DP 4UD1 ON-NONE-ON							

ITEM NO	COLOR
0	Without
1	White
2	Black (Std)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
9	Gray

*

* Except standard color, for other colors information
please consult sales representativity.

EXAMPLE:
4US1R10□M2RNS (STD)
└─ Actuator color



4U Series

Sub-Miniature Rocker Switches



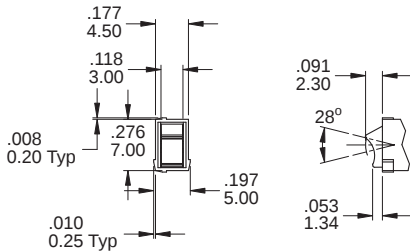
4U
Rocker Switches

SWITCH FUNCTION

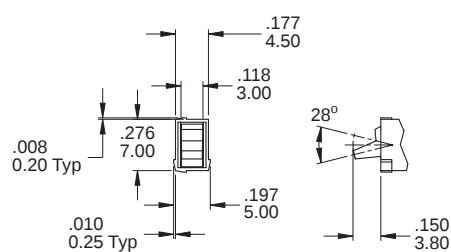
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	4US1	ON	NONE	ON	5-6 	N/A	5-4
DP	4UD1	ON	NONE	ON	5-6,2-3 	N/A	5-4,2-1

ACTUATOR OPTIONS

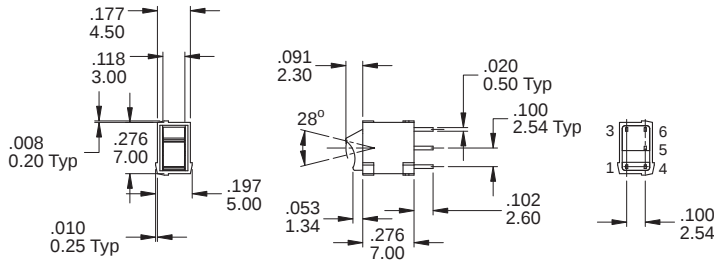
R1



R2

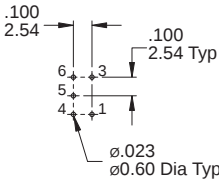


POLE OPTIONS



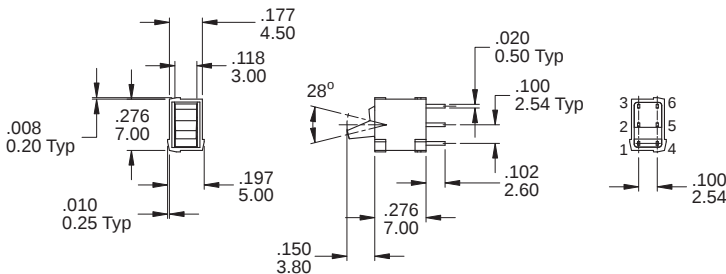
Note: Pins 1 and 3 not connected

PCB MOUNTING

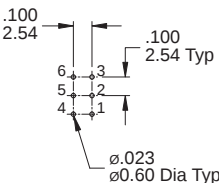


SPDT

Model name. 4US1R102M2RNS



PCB MOUNTING

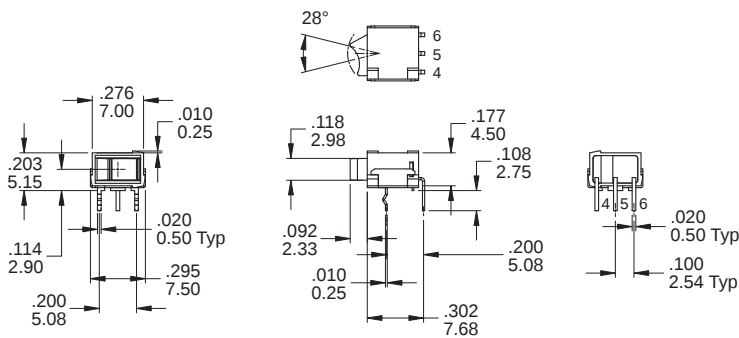


DPDT

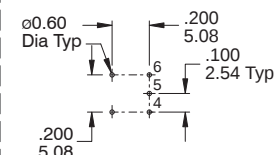
Model name. 4UD1R202M2RNS

▼ TERMINAL OPTIONS

M6



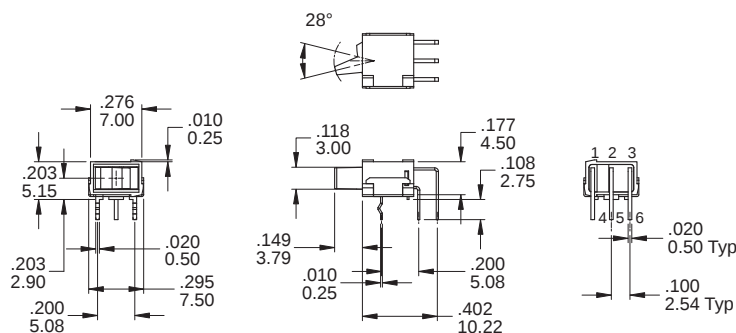
PCB MOUNTING



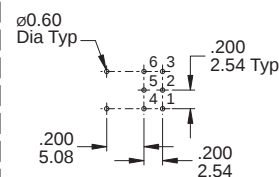
SPDT

Model name. 4US1R102M6RNS

M6



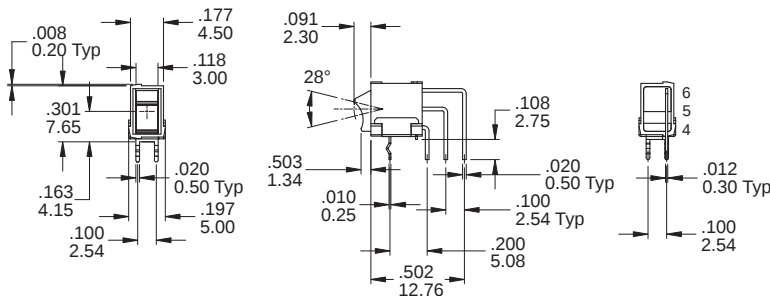
PCB MOUNTING



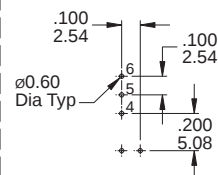
DPDT

Model name. 4UD1R202M6RNS

M7



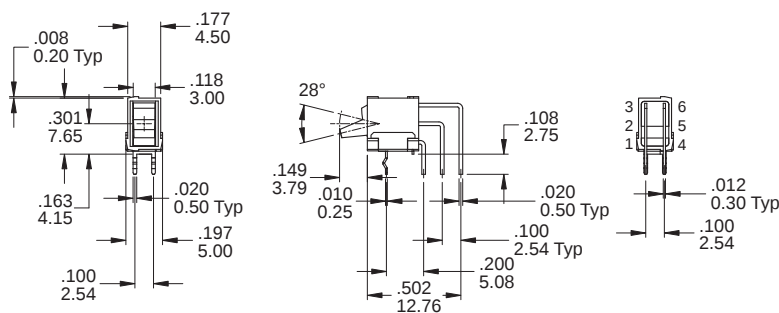
PCB MOUNTING



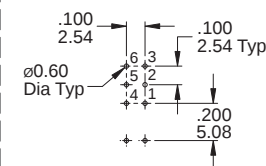
SPDT

Model name. 4US1R102M7RNS

M7



PCB MOUNTING



DPDT

Model name. 4UD1R202M7RNS

▼ SOLDERING PROCESS

WAVE SOLDERING: Recommend soldering temperature: $260 \pm 5^{\circ}\text{C}$

Duration of solder immersion: Max. 5 sec. (PCB thickness is 1.6mm)