

# Sub-Miniature Rocker Switches – PKMUS series



## 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).

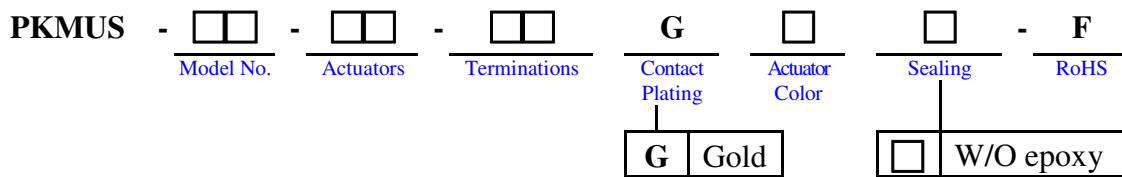
**ACTUATOR:** Nylon, black std.

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

**CONTACT:** Phosphor bronze, Gold plated.

**TERMINALS:** Brass, Gold plated.

## PART NUMBERING SYSTEM



**Model No./ Switching function** ( )= Momentary

Unit: Inch/ mm

SPDT				Part No. Shown: PKMUS-S1-R1-M2G2-F	P. C. B. Layout
Model No.	Switching function			SPDT 	
<b>S1</b>	On	None	On		
Connected terminals	5-6	N/A	5-4		
Schematic	5 Comm.     5 Comm.				

DPDT				Part No. Shown: PKMUS-D1-R2-M2G2-F	P. C. B. Layout
Model No.	Switching function			DPDT 	
<b>D1</b>	On	None	On		
Connected terminals	5-6,2-3	N/A	5-4,2-1		
Schematic	2 Comm. 5     2 Comm. 5				

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## Actuators

Unit: Inch/ mm

R1 Rocker	R2 Lever
<p>STD.</p>	<p>STD.</p>

## Terminations & Sealing

Unit: Inch/ mm

M6 Right angle P.C. Mount	
<p>Part No. Shown: PKMUS-S1-R1-M6G2-F</p> <p>SPDT</p>	<p>P. C. B. Layout</p>
<p>Part No. Shown: PKMUS-D1-R2-M6G2-F</p> <p>DPDT</p>	<p>P. C. B. Layout</p>
M7 Vertical right angle P.C. Mount	
<p>Part No. Shown: PKMUS-S1-R1-M7G2-F</p> <p>SPDT</p>	<p>P. C. B. Layout</p>



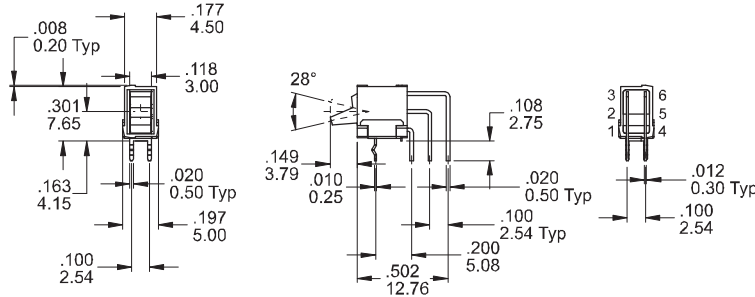
## Terminations & Sealing

Unit: Inch/ mm

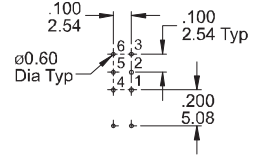
### M7 Vertical right angle P.C. Mount

Part No. Shown: PKMUS-D1-R2-M7G2-F

DPDT



### P. C. B. Layout



## 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).

## Actuator color

<input type="checkbox"/>	Without
1	White
2	Black(STD.)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray