

**SPECIFICATIONS:**

CONTACT RATING: Refer to "Contact Material Options" for more info.  
 ELECTRICAL LIFE: 30,000 make-and-break cycles at full load.  
 CONTACT RESISTANCE: 20mΩ max. initial @2-4VDC  
 100mA for both silver and gold plated contacts.  
 INSULATION RESISTANCE: 1,000MΩ min.  
 DIELECTRIC STRENGTH: 1,500V RMS @ sea level.  
 OPERATING TEMPERATURE: -30°C to +85°C.

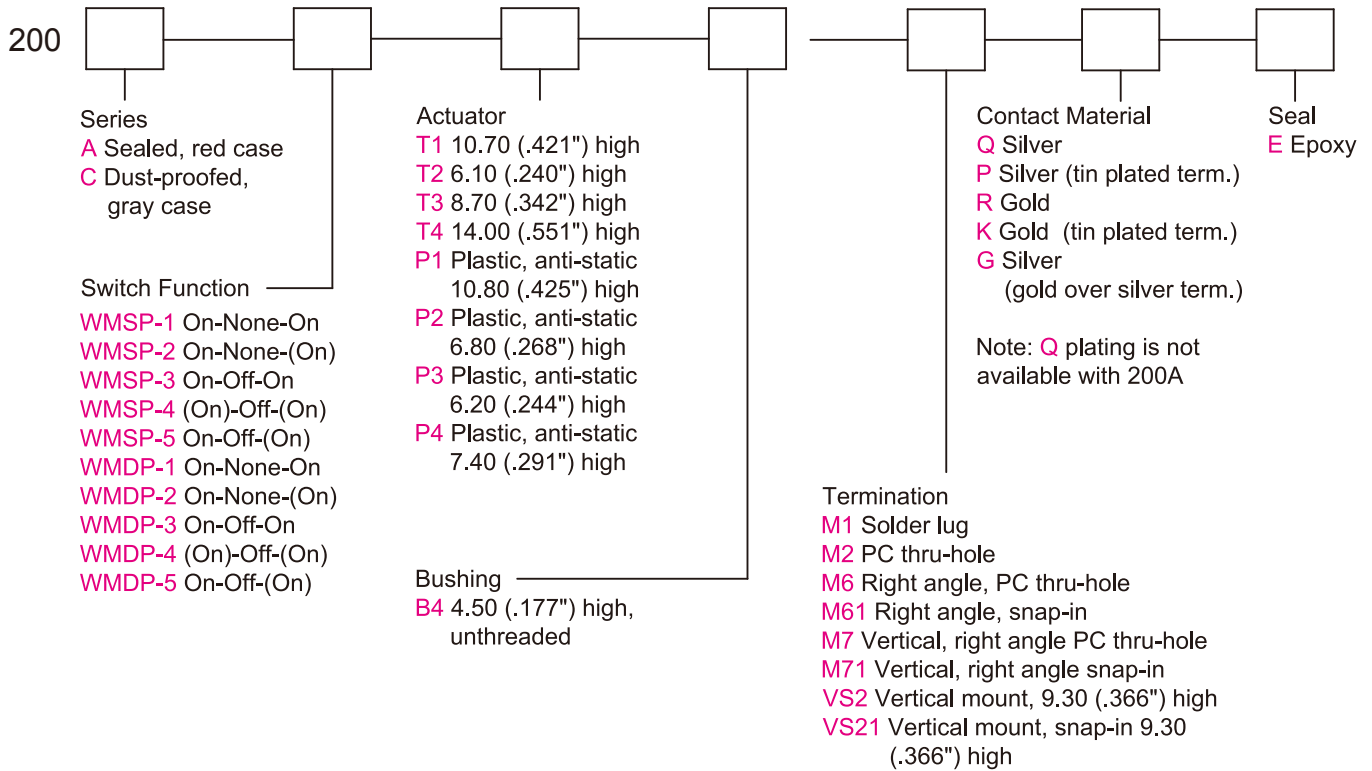
**MATERIALS:**

CASE & BUSHING: PA9T or 46 or FR52, flame retardant, heat stabilized (UL 94V-0).  
 ACTUATOR: Brass, chrome plated, internal o-ring sealed (200A).  
 ACTUATOR: Brass, chrome plated (200C).  
 SWITCH SUPPORT: Brass, tin plated.  
 TERMINAL SEAL: Epoxy.

Specifications and Dimensions subject to change

If your preferred product configuration is not shown, please contact our sales representative for custom design.

**HOW TO ORDER SYSTEM**



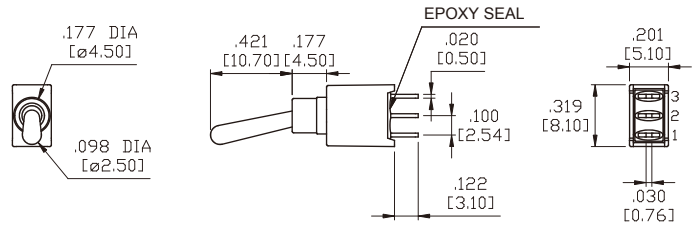
## SPDT



Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic

2Comm.



## DPDT

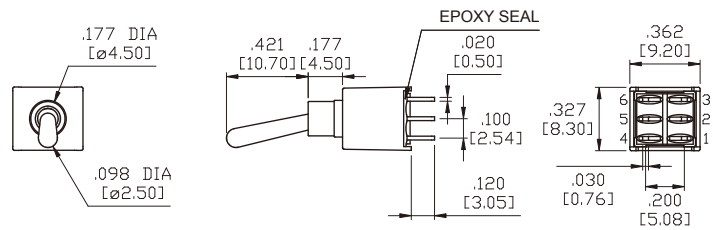


Model No.	Switching Position		
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
WMDP-4	(ON)	OFF	(ON)
WMDP-5	ON	OFF	(ON)
Term. Comm.	2-3-5-6	OPEN	2-1,5-4

Schematic

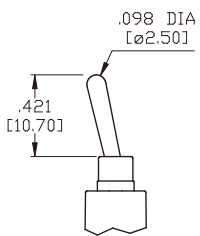
2Comm.

5Comm.

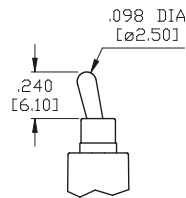


## ACTUATOR OPTIONS

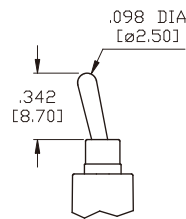
T1



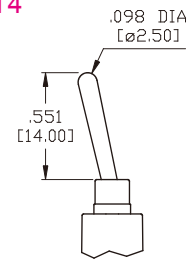
T2



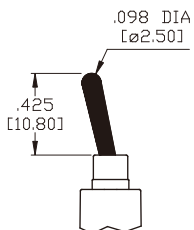
T3



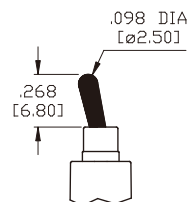
T4



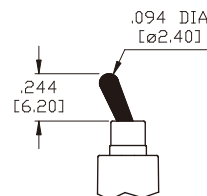
P1 PLASTIC TOGGLE



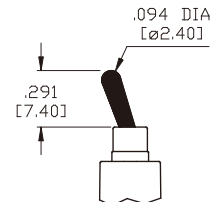
P2 PLASTIC TOGGLE



P3 PLASTIC TOGGLE



P4 PLASTIC TOGGLE

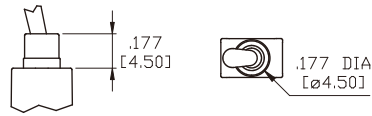


\* Actuator length shown above is with B4 bushing.  
\* Please consult us for detailed spec on specific item.

\* PLASTIC TOGGLE is capable of withstanding ESD resistance 9000VDC.

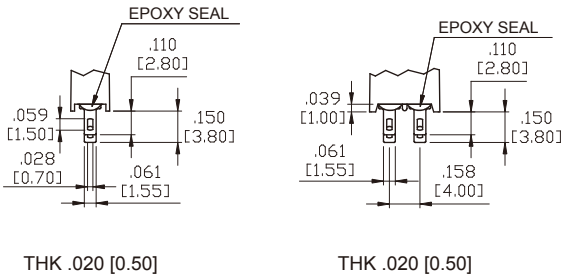
BUSHING OPTIONS

B4

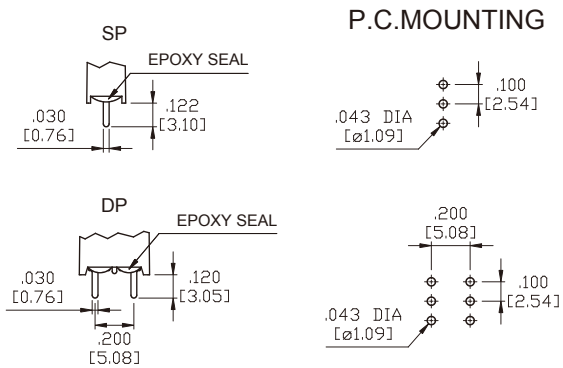


TERMINATION OPTIONS

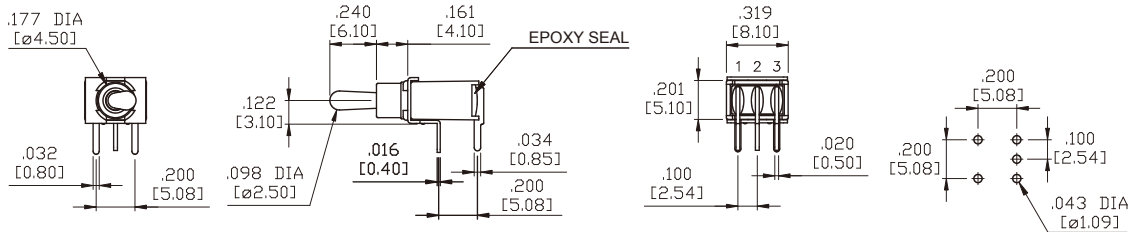
M1 STD. SOLDER LUG



M2 PC THRU-HOLE

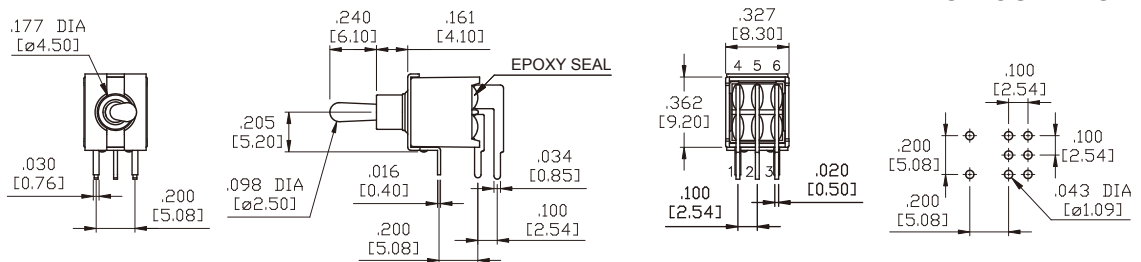
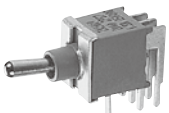


M6



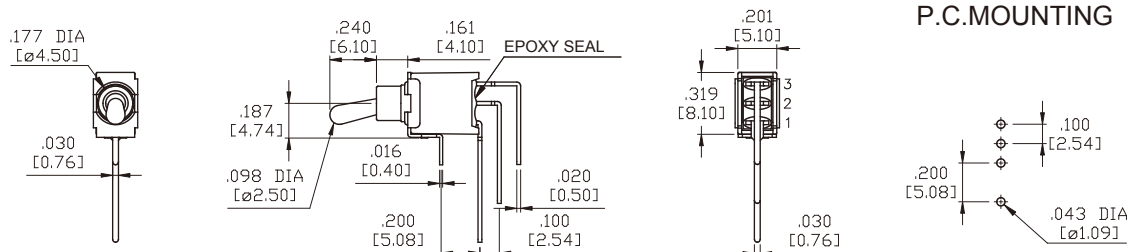
SPDT

M6



DPDT

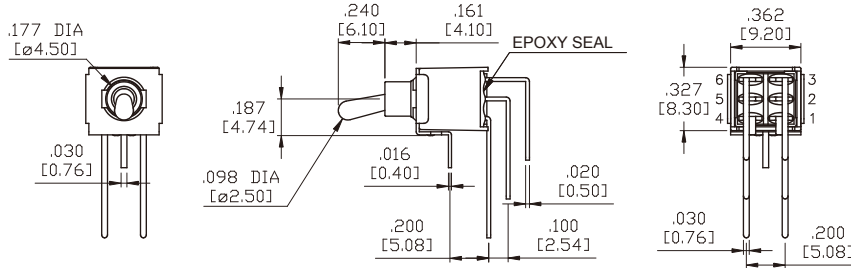
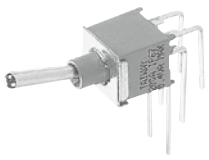
M7



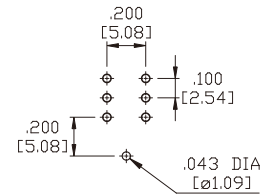
SPDT

## TERMINATION OPTIONS

M7

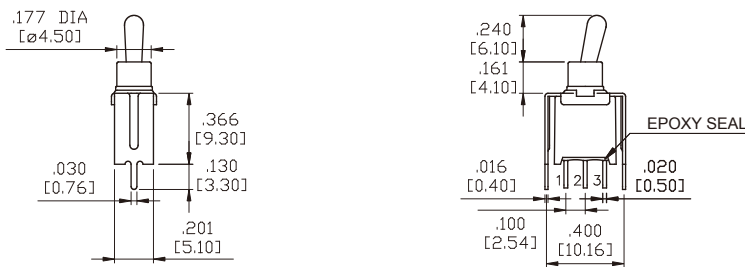


P.C.MOUNTING

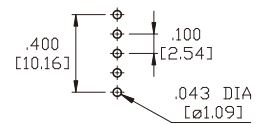


DPDT

VS2

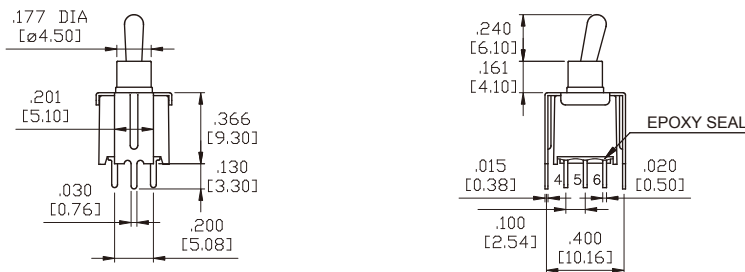


P.C.MOUNTING

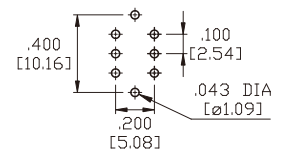


SPDT

VS2



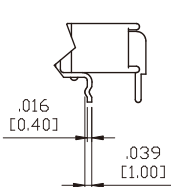
P.C.MOUNTING



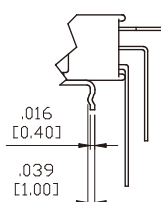
DPDT

## SNAP-IN TERMINATION OPTIONS

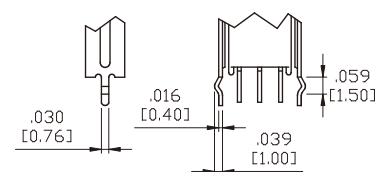
M61



M71



VS21



\* PC Mounting for M61, M71, VS21 refer to M6, M7, VS2 respectively.

**CONTACT MATERIAL OPTIONS**

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
G	Silver <sup>1</sup>	Gold over silver <sup>3</sup>	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67
P		Tin plated <sup>5</sup> / <sub>7</sub>		
R	Gold <sup>2</sup>	Gold plated <sup>4</sup>	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated <sup>5</sup> / <sub>6</sub>		

\* Standard G plating for sealed product.

1. Movable Contact: Copper alloy, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with pure tin plated.
6. Terminal Contact: Gold plated over nickel plated.
7. Terminal Contact: Palladium nickel alloy (or Silver) plated.

\* P, K not available with M1 terminal.

\* IP67 protection for 200A series only.