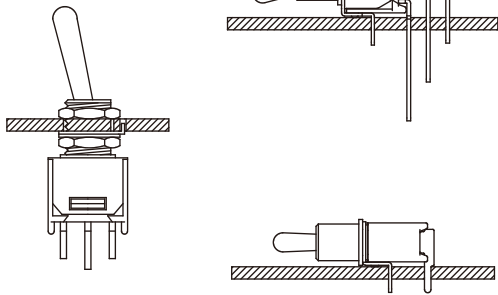


SPECIFICATIONS:

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:

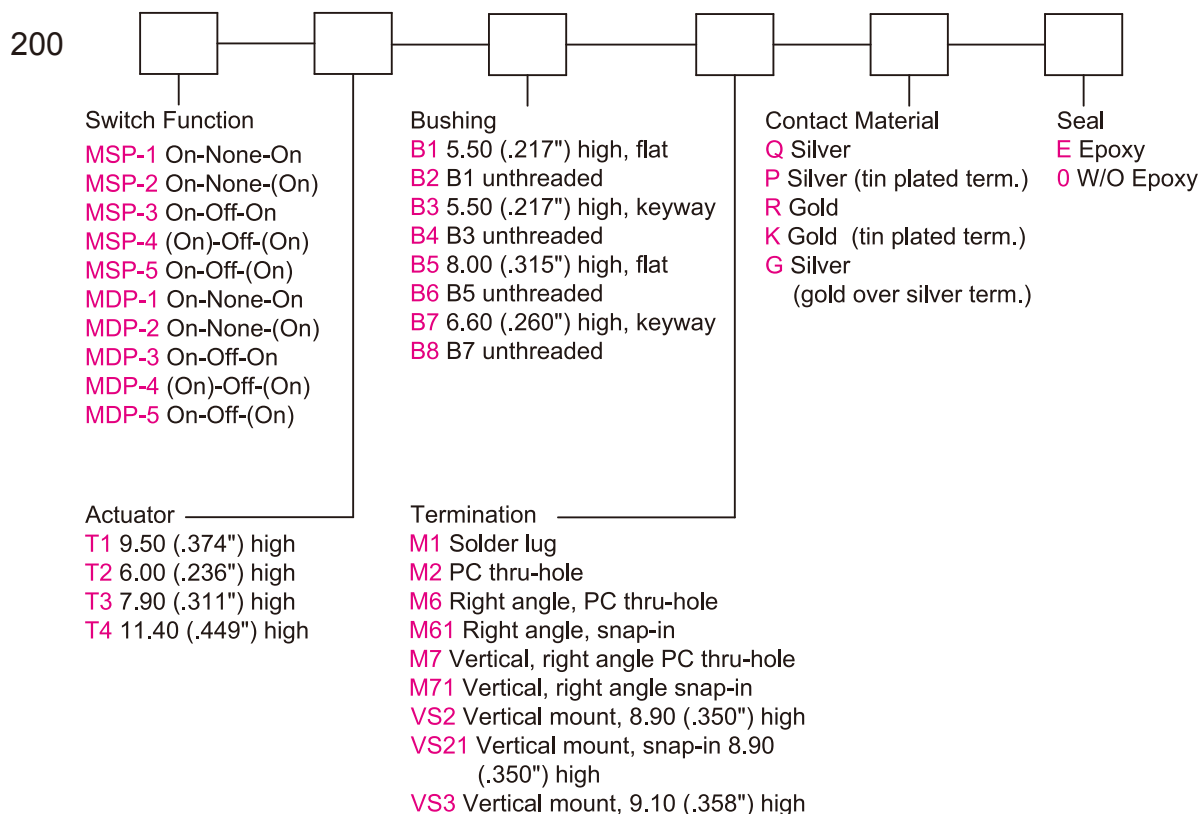
CASE: Diallyl phthalate (DAP)(UL 94V-0).
 TOGGLE HANDLE: Brass, chrome plated.
 BUSHING: Brass, nickel plated.
 HOUSING: Stainless steel.
 SWITCH SUPPORT: Brass, tin plated.
 TERMINAL SEAL: Epoxy.



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



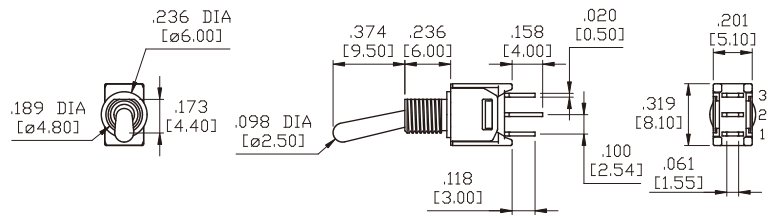
SPDT



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

Schematic

2Comm.



DPDT



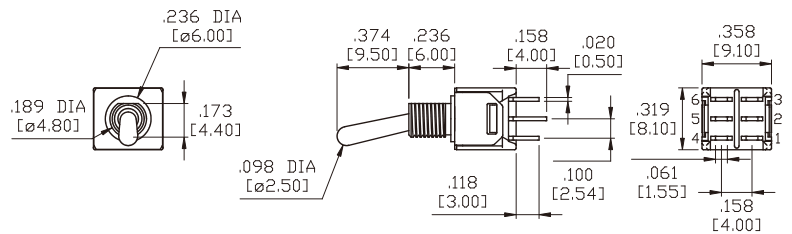
Model No.	Switching Position		
MDP-1	ON	NONE	ON
MDP-2	ON	NONE	(ON)
MDP-3	ON	OFF	ON
MDP-4	(ON)	OFF	(ON)
MDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic

2Comm.

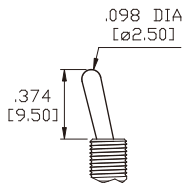


5Comm.

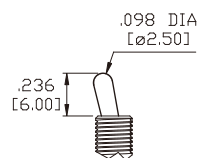


ACTUATOR OPTIONS

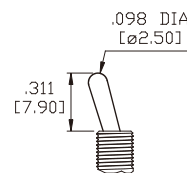
T1



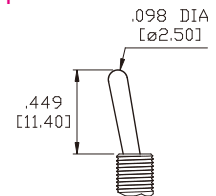
T2



T3



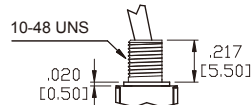
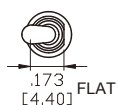
T4



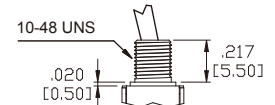
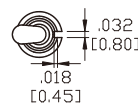
* Actuator length shown above is with B1 bushing M1 and M2 terminals.
* please consult us for detailed spec on specific item.

BUSHING OPTIONS

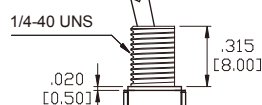
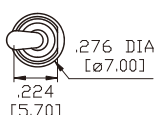
B1 THD B2 NON-THD



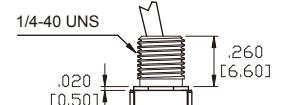
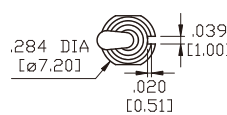
B3 THD B4 NON-THD



B5 THD B6 NON-THD

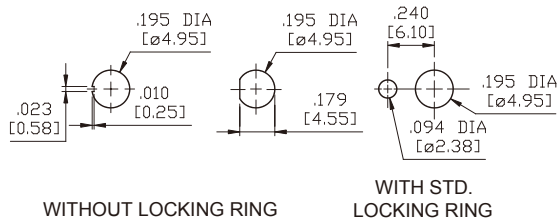


B7 THD B8 NON-THD

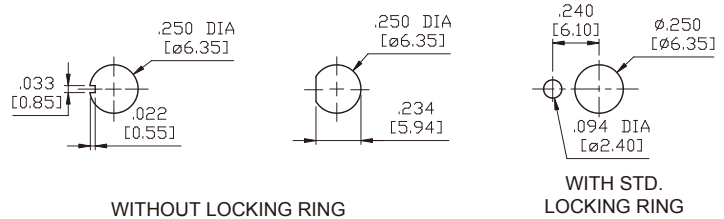


PANEL MOUNTING

10-48 INCH BUSHING

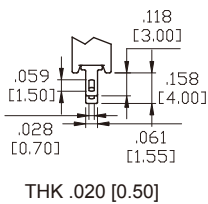


1/4 INCH BUSHING



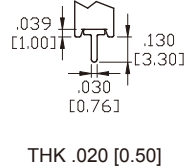
TERMINATION OPTIONS

M1 STD. SOLDER LUG

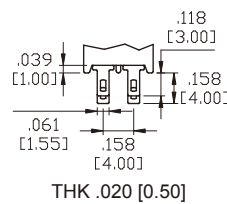


SP

M2 PC THRU-HOLE

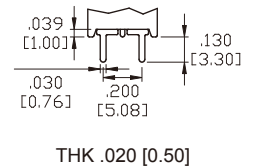


M1 STD. SOLDER LUG



DP

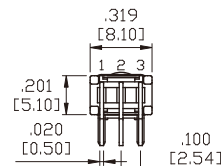
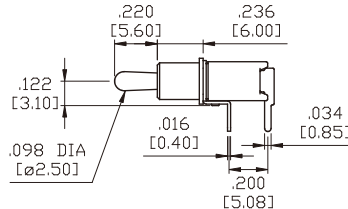
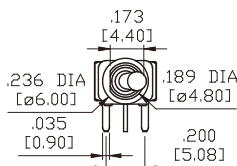
M2 PC THRU-HOLE



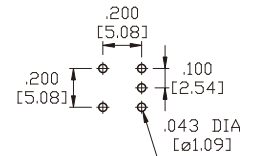
M6



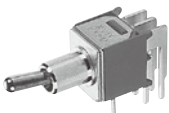
SPDT



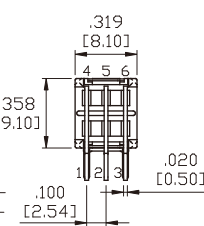
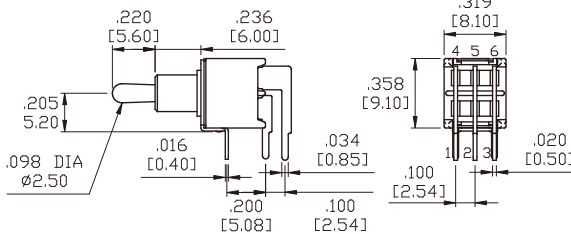
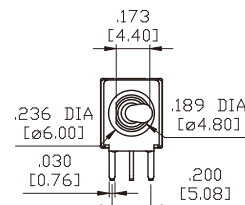
P.C.MOUNTING



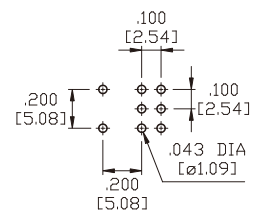
M6



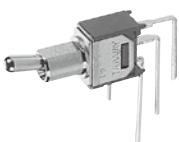
DPDT



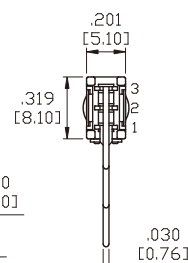
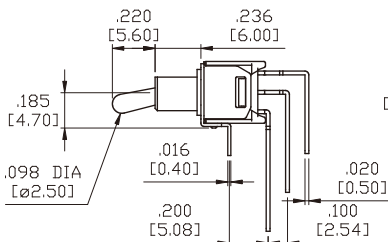
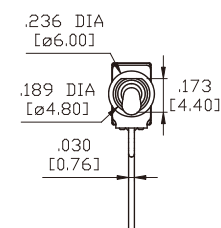
P.C.MOUNTING



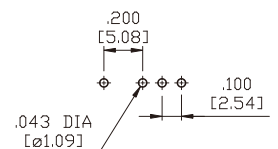
M7



SPDT

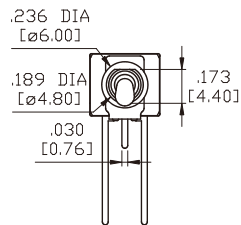
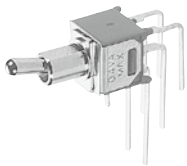


P.C.MOUNTING

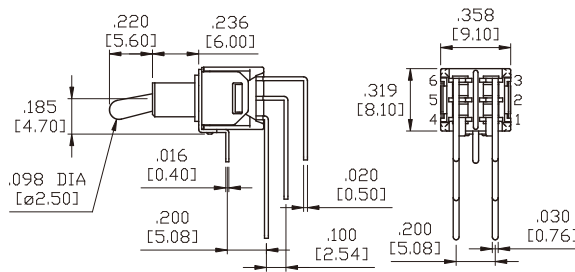


TERMINATION OPTIONS

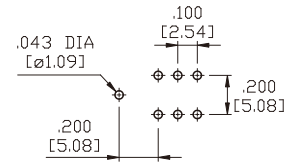
M7



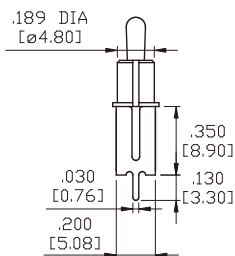
DPDT



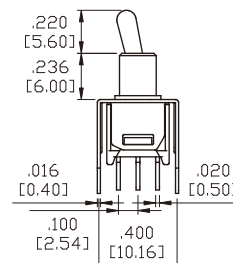
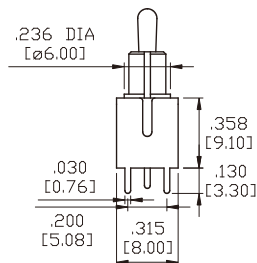
P.C.MOUNTING



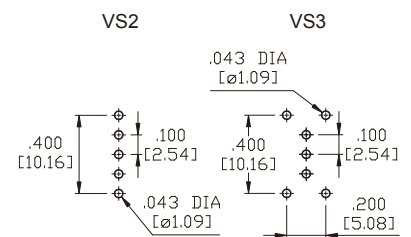
VS2-VS3



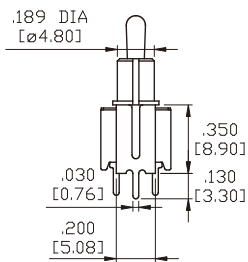
SPDT



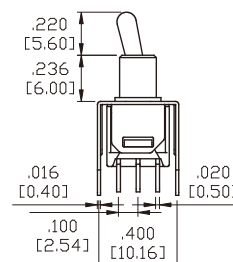
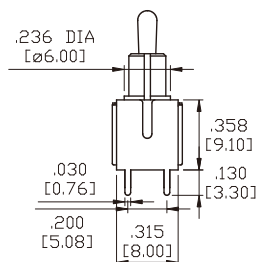
P.C.MOUNTING



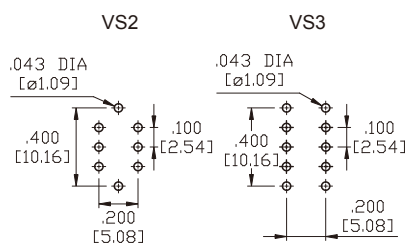
VS2-VS3



DPDT

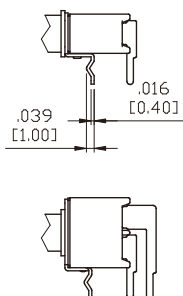


P.C.MOUNTING

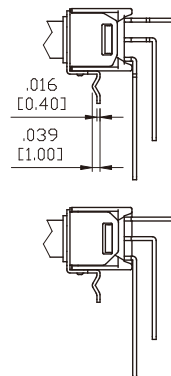


SNAP-IN TERMINATION OPTIONS

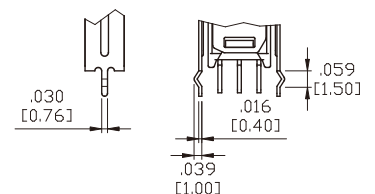
M61



M71



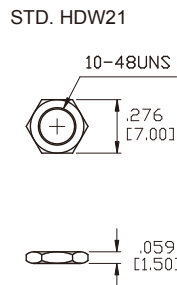
VS21



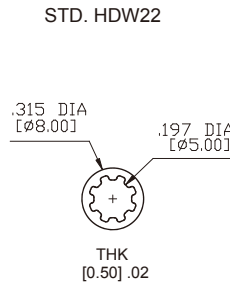
* PC Mounting for M61,M71,VS21 refer to M6,M7,VS2 respectively.

HARDWARE

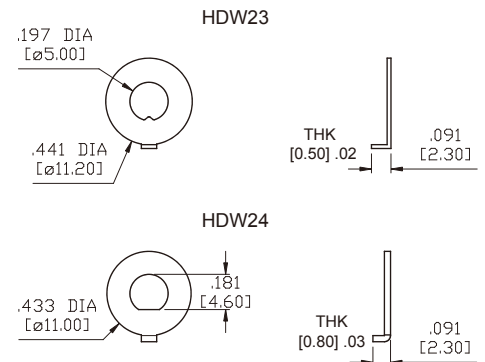
NUT





LOCK WASHER



LOCKING RING (OPTIONAL)



CONTACT MATERIAL OPTIONS

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

1. Movable Contact / Terminals: 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.