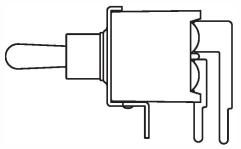
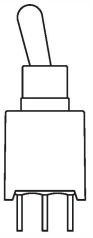
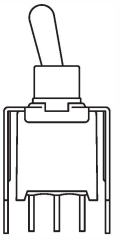


SPECIFICATIONS:

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 (02A).
ACTUATOR: Brass, chrome plated (02C).
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

02 [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Series
A Sealed, red case
C Dust-proofed, gray case

Switch Function
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)
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)

Actuator
T1 10.70 (.421") high
T2 6.10 (.240") high
T3 8.70 (.342") high
T4 14.00 (.551") high
P1 Plastic, anti-static 10.80 (.425") high
P2 Plastic,anti-static 6.80 (.268") high
P3 Plastic, anti-static 6.20 (.244") high
P4 Plastic, anti-static 7.40 (.291") high

Bushing
B4 4.50 (.177") high, unthreaded

Termination
M1 Solder lug
M2 PC thru-hole
M6 Right angle, PC thru-hole
M61 Right angle, snap-in
M7 Vertical, right angle PC thru-hole
M71 Vertical, right angle snap-in
VS2 Vertical mount, 9.30 (.366") high
VS21 Vertical mount, snap-in 9.30 (.366") high

Contact Material
Q Silver
P Silver (tin plated term.)
R Gold
K Gold (tin plated term.)
G Silver (gold over silver term.)

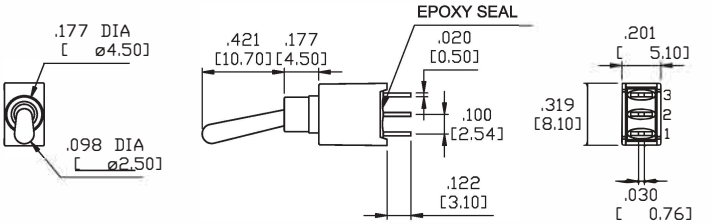
Note: Q plating is not available with 02A

Seal
E Epoxy

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

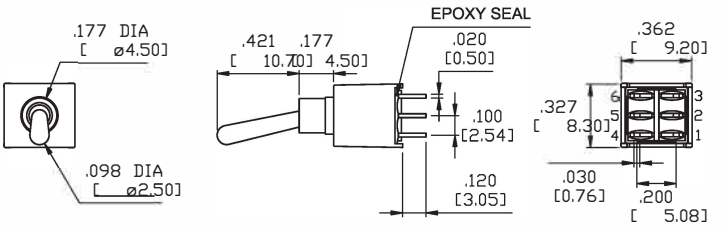
Schematic 2Comm.



DPDT

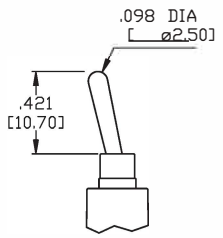
Model No.	Switching Position		
	●	●	●
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
WMDP-4	(ON)	OFF	(ON)
WMDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic 2Comm. 5Comm.

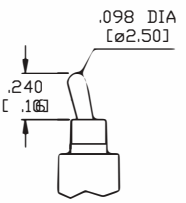


ACTUATOR OPTIONS

T1



T2



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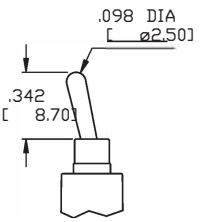
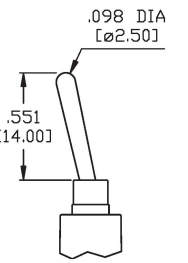
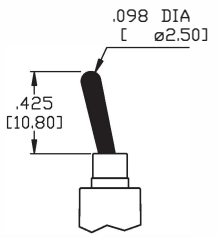


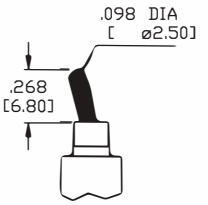
T4



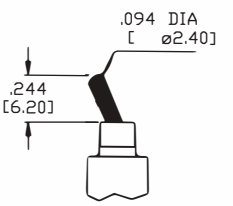
P1 PLASTIC TOGGLE



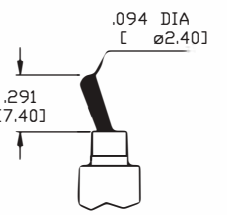
P2 PLASTIC TOGGLE



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.

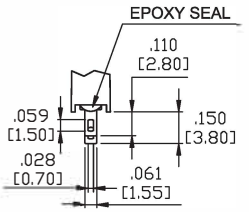
( )=MOMENTARY

BUSHING OPTIONS

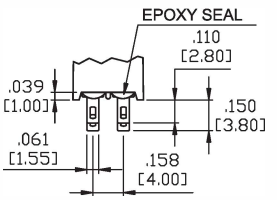
B4

TERMINATION OPTIONS

M1 STD. SOLDER LUG



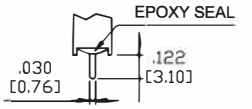
THK .020 [0.50]



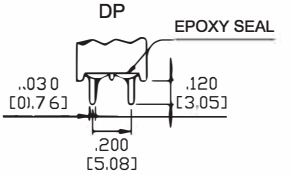
THK .020 [0.50]

M2 PC THRU-HOLE

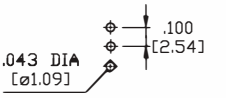
SP

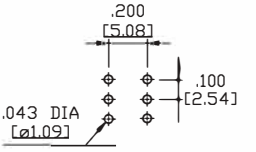


DP



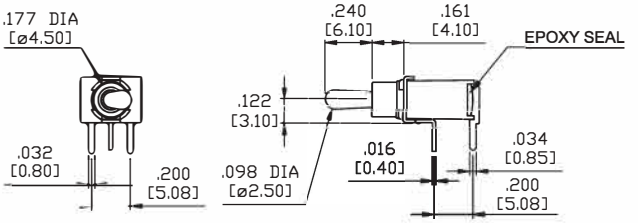
P.C.MOUNTING

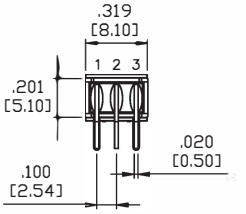




M6

SPDT





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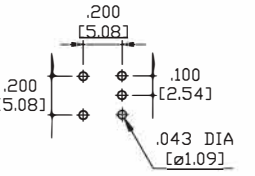
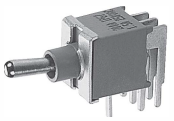
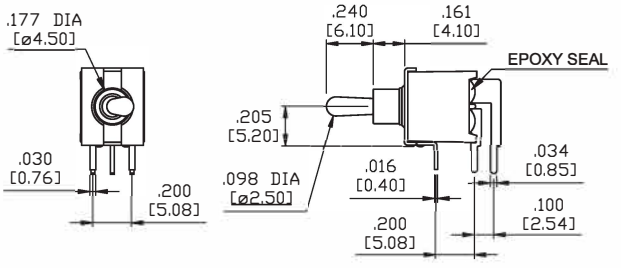
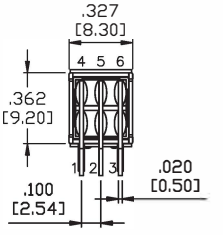


M6



DPDT





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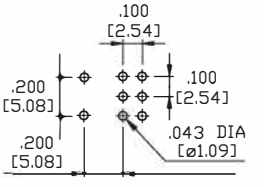
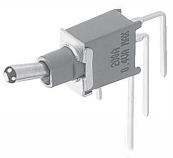
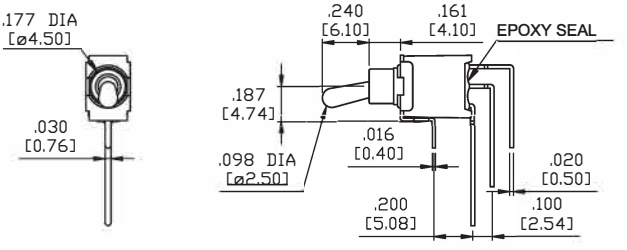
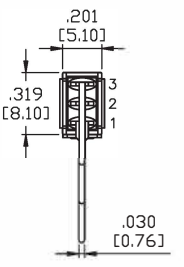


M7



SPDT





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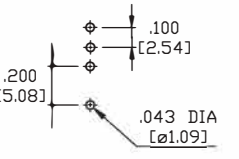
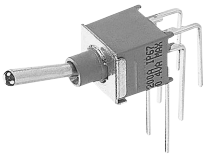
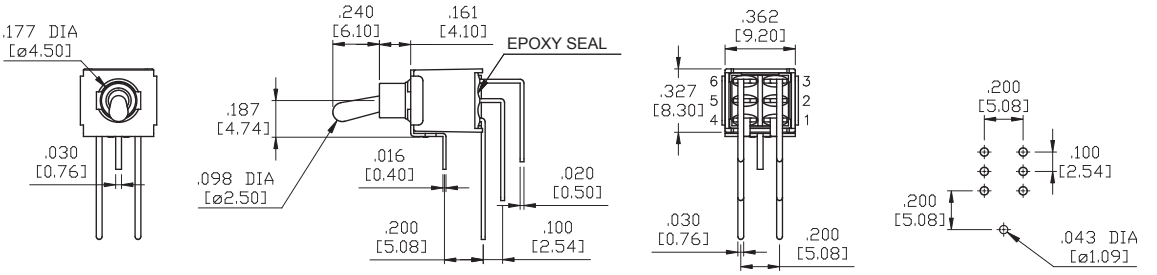


TERMINATION OPTIONS

M7

P.C.MOUNTING

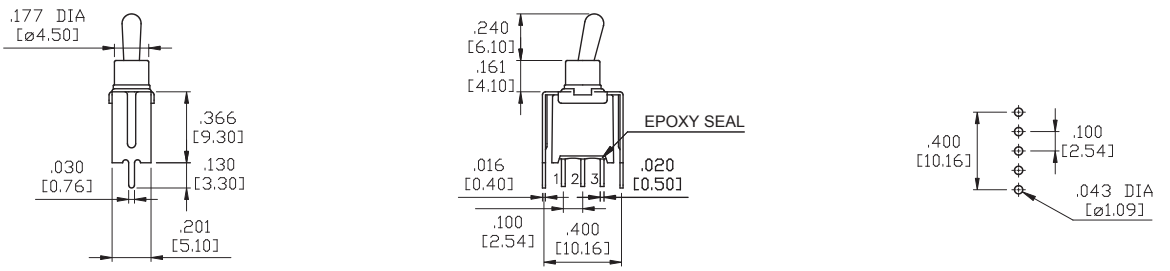




DPDT

VS2

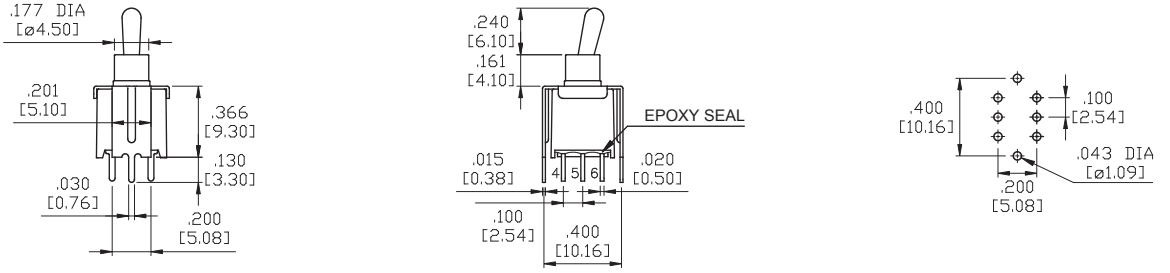
P.C.MOUNTING



SPDT

VS2

P.C.MOUNTING



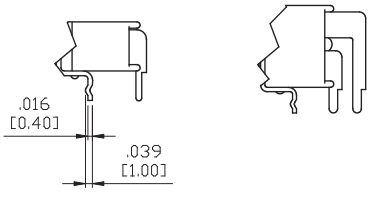
DPDT

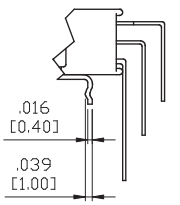
SNAP-IN TERMINATION OPTIONS

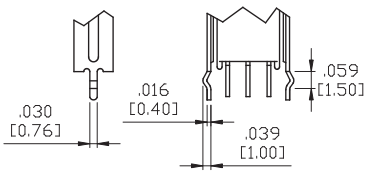
M61

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 [1]	Gold over silver [3]	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67
P		Tin plated [5 7]		
R	Gold [2]	Gold plated [4]	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated [5 6]		

* 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 02A series only.