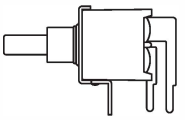
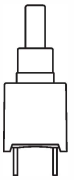




SPECIFICATIONS:

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: 1500V RMS min. @ sea level.
OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE / BUSHING: PA9T or FR52, flame retardant, heat stabilized (UL 94V-0).
PLUNGER: FR52 (UL 94V-0),with internal o-ring sealed (08A).
PLUNGER: FR52 (UL 94V-0) (08C).
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

08 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

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

Switch Function
P-21S On-Mom.
P-22S Off-Mom.
P-20S Off-Mom.

Actuator
P0 Flush plunger
P1 STD. plunger

Cap Type
0 No cap required
1 C1, 4.00 (.158") high
2 C2, 3.50 (.138") high

Cap Color
0 No color required
1 White
2 Black
3 Red
4 Orange
5 Yellow
6 Green
7 Blue
8 Brown
9 Gray

Bushing
B4 4.50 (.117") high, unthreaded

Termination
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.)

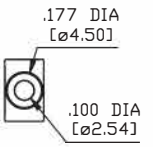
Note: **Q** plating is not available with 08A

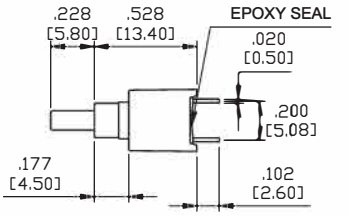
Seal
E Epoxy

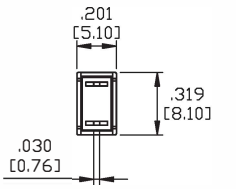
SPST

Model No.	Type	
P-21S	OFF	MOM

Schematic



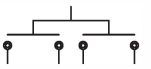


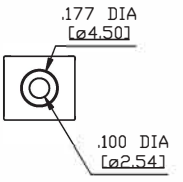


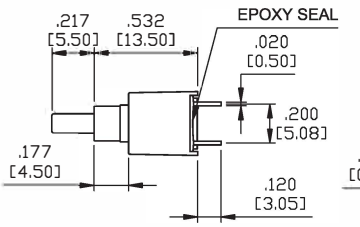
DPST

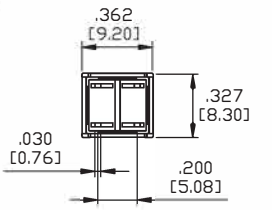
Model No.	Type	
P-22S	OFF	MOM

Schematic





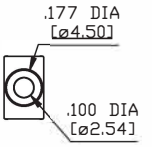


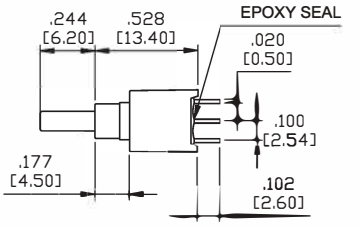


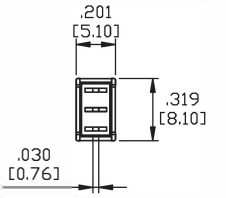
SPDT

Model No.	Type	
P-20S	ON	MOM
Term. Comm.	2-1	2-3

Schematic

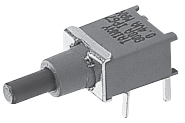




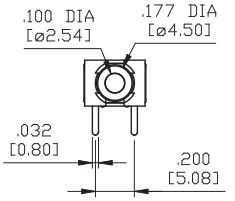


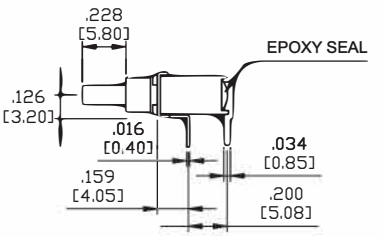
TERMINATION OPTIONS

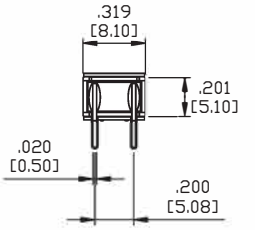
M6



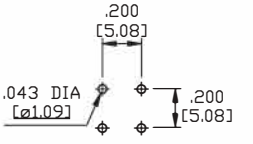
SPST



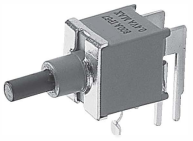




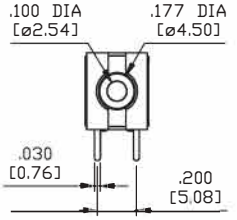
P.C.MOUNTING

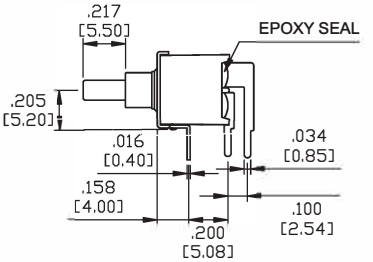


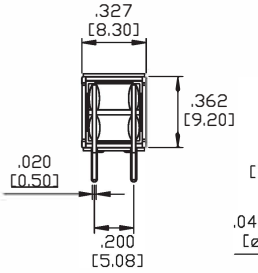
M6



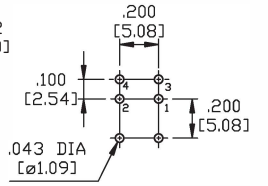
DPST



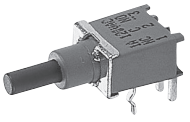




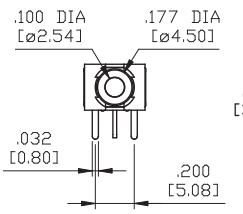
P.C.MOUNTING

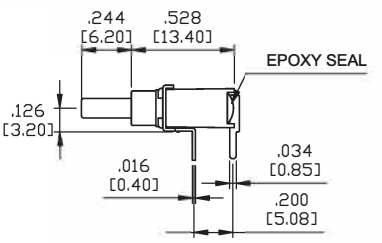


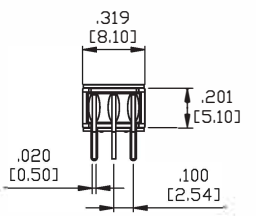
M6



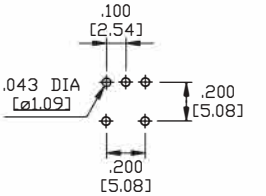
SPDT







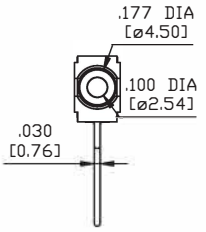
P.C.MOUNTING

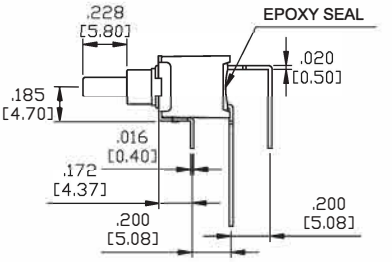


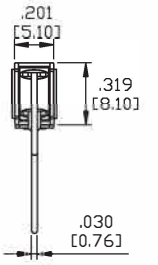
MOM=MOMENTARY

TERMINATION OPTIONS

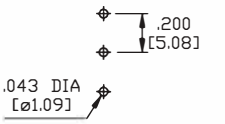
M7 SPST



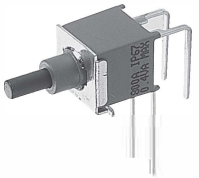


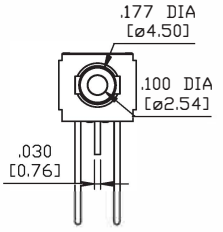


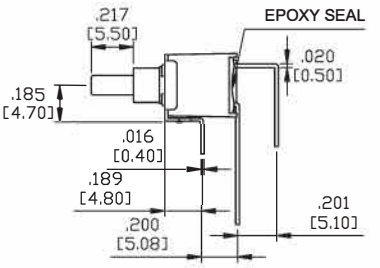
P.C.MOUNTING

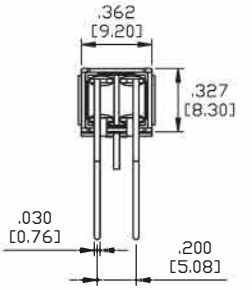


M7 DPST

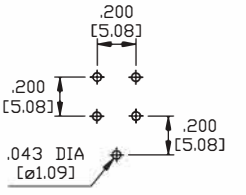




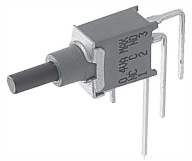


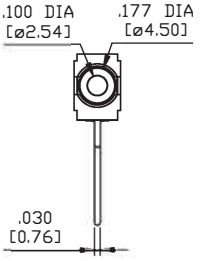


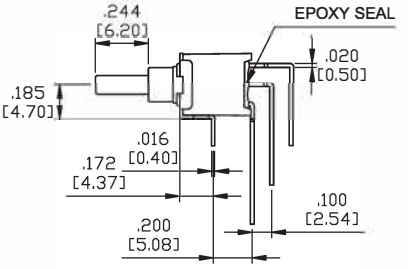
P.C.MOUNTING

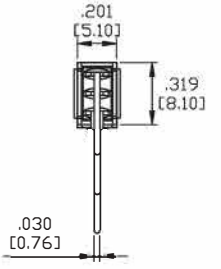


M7 SPDT

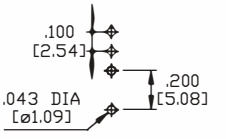




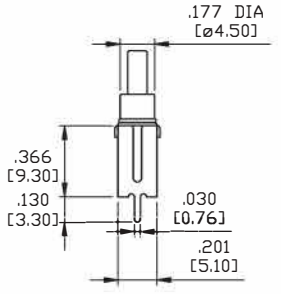


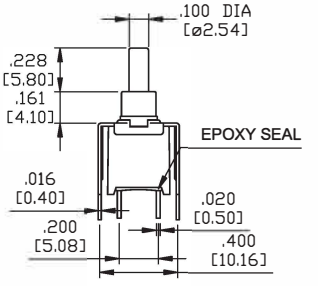


P.C.MOUNTING

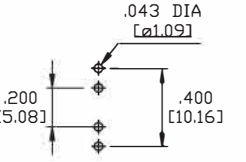


VS-2 SPST

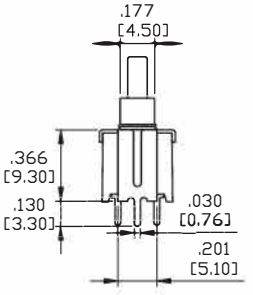


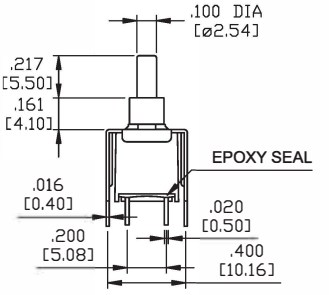


P.C.MOUNTING

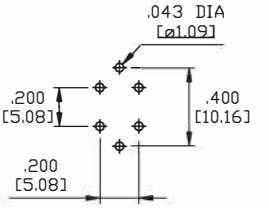


VS-2 DPST

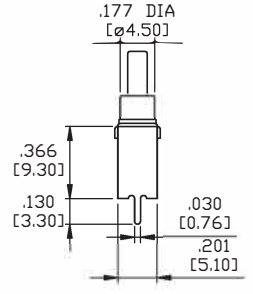


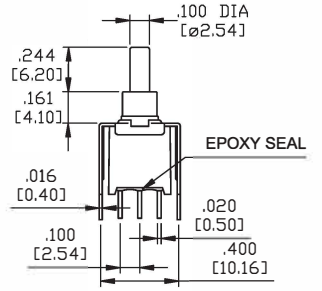


P.C.MOUNTING

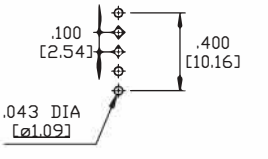


VS2 SPDT



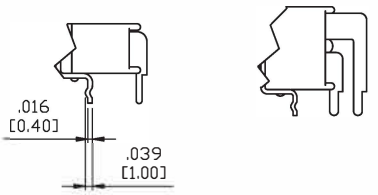


P.C.MOUNTING

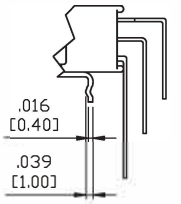


SNAP-IN TERMINATION OPTIONS

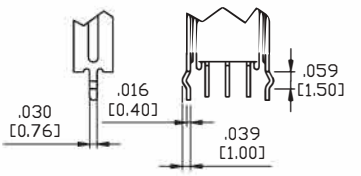
M61



M71



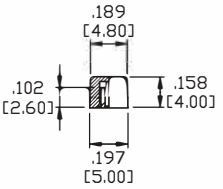
VS21



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

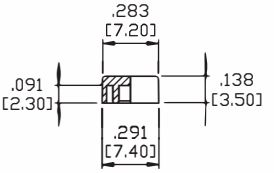
PLUNGER CAPS

C1



* MATERIAL: ABS.

C2



* MATERIAL: ABS.

CAP COLORS			
1	White	6	Green
2	Black	7	Blue
3	Red	8	Brown
4	Orange	9	Gray
5	Yellow		

CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
G	Silver [1]	Gold over silver [3]	1Amps @ 125VAC or 28VDC	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.

* IP67 protection for 08A series only.