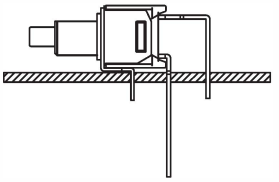
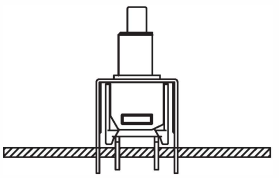




SPECIFICATION:

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 - 4 VDC
100mA for both silver and gold plated contacts.
INSULATION RESISTANCE: 1000MΩ min.
DIELECTRIC STRENGTH: 1500V RMS @ sea level.
OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE: Diallyl phthalate (DAP)(UL 94V-0).
PLUNGER: Polybutylene terephathalate (PBT) or Nylon 6/6.
BUSHING: Brass, nickel plated.
SWITCH SUPPORT: Brass, tin plated.
HOUSING: Stainless steel.
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 [ ] [ ] [ ] [ ] [ ] [ ] [ ]

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

Bushing or Actuator
B5 5.50 (.217") high, flat
B6 B5 unthreaded
B7 5.50 (.217") high, round unthreaded
B8 7.85 (.309") high, flat
B9 0.50 (.020") high, round
B0 B8 unthreaded
OP1 Snap-in, with frame
P0 Flush plunger

Cap Type or Frame Color
* For Plunger only
0 No cap required
1 C1, 4.00 (.158") high
2 C2, 3.50 (.138") high
3 C3, 7.50 (.295") high
4 C4, 6.50 (.256") high

* For Actuator only
0 No frame color required
1 White
2 Black
3 Red
4 Orange
5 Yellow
6 Green
7 Blue
8 Brown
9 Gray

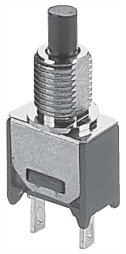
Cap Color
1 White
2 Black
3 Red
4 Orange
5 Yellow
6 Green
7 Blue
8 Brown
9 Gray

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.)

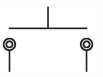
Seal
E Epoxy
0 W/O Epoxy

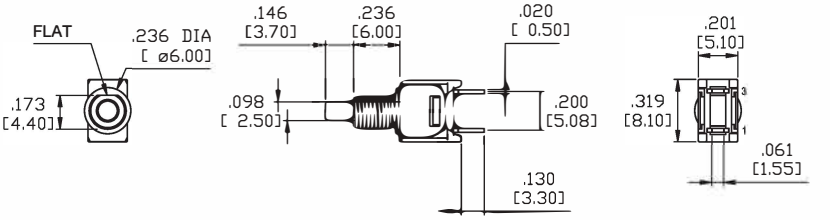
SPST



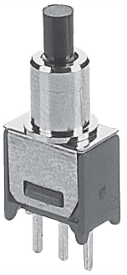
Model No.	Type	
P-21	OFF	MOM

Schematic



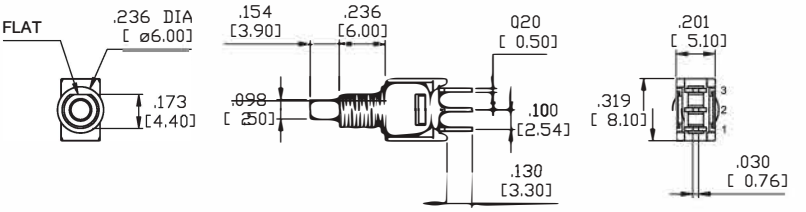


SPDT



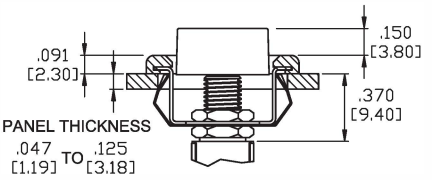
Model No.	Type	
P-22	ON	MOM
Term. Comm.	2-1	2-3

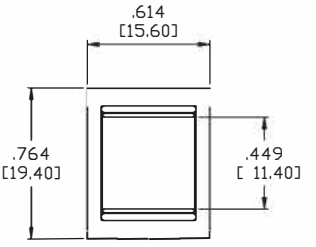
Schematic



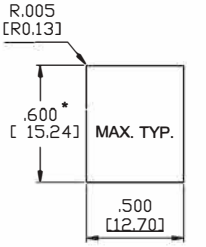
ACTUATOR OPTIONS FOR SNAP-IN FRONT MOUNT

OP1



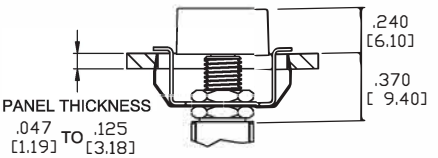


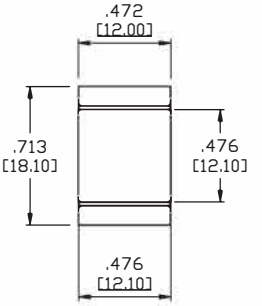
PANEL MOUNTING



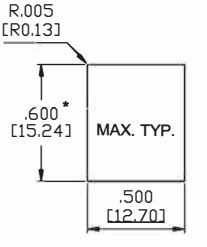
* Increase this dimension to .620/.625 [15.75/15.88] for .091/.125 [2.31/3.18] thk. panels.

OP1 WITHOUT FRAME





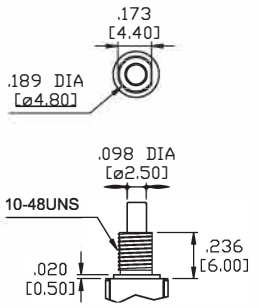
PANEL MOUNTING



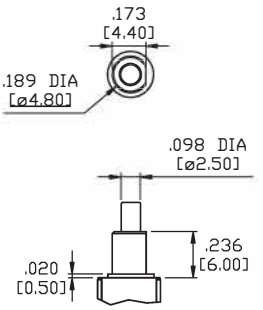
* Increase this dimension to .620/.625 [15.75/15.88] for .091/.125 [2.31/3.18] thk. panels.

BUSHING OPTIONS

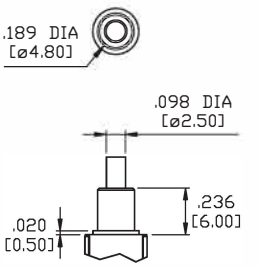
B5



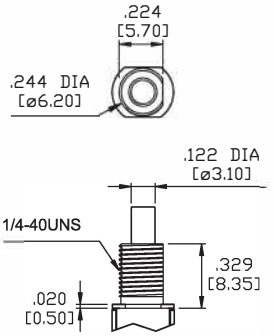
B6



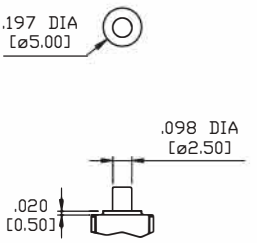
B7



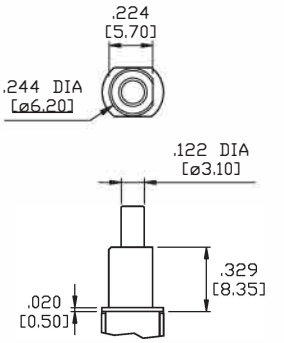
B8



B9

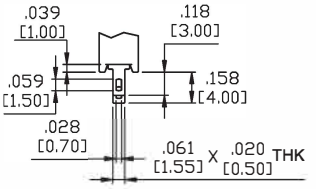


B0

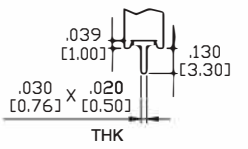


TERMINATION OPTIONS

M1



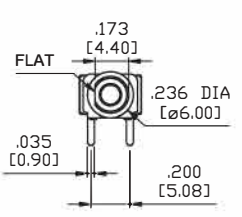
M2

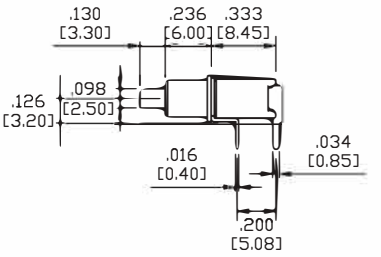


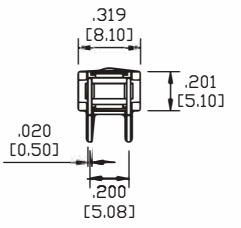
TERMINATION OPTIONS

M6

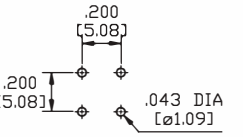
SPST





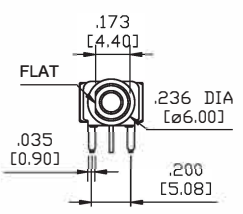


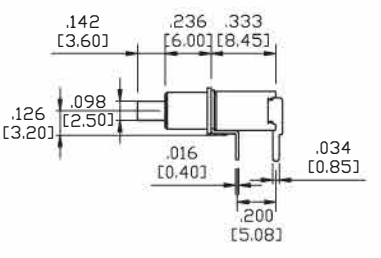
P.C.MOUNTING

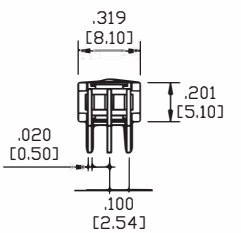


M6

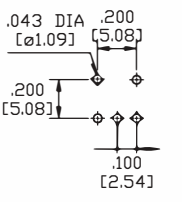
SPDT







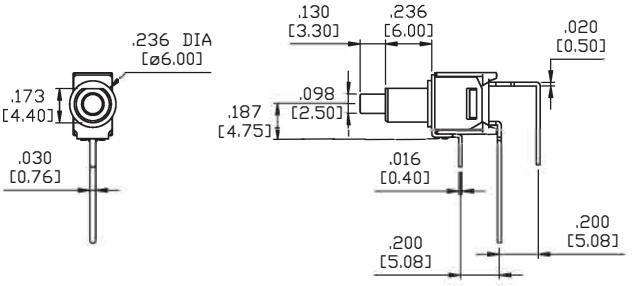
P.C.MOUNTING



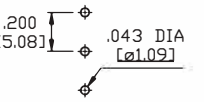
TERMINATION OPTIONS

M7

SPST

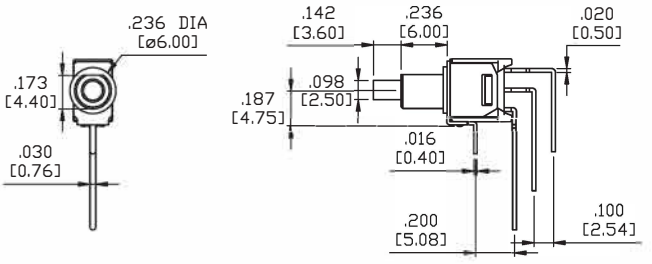


P.C.MOUNTING

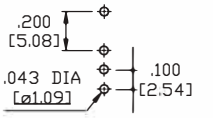


M7

SPDT

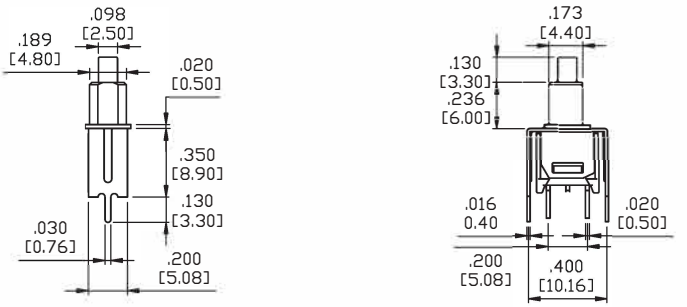


P.C.MOUNTING

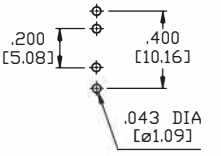


VS2

SPST

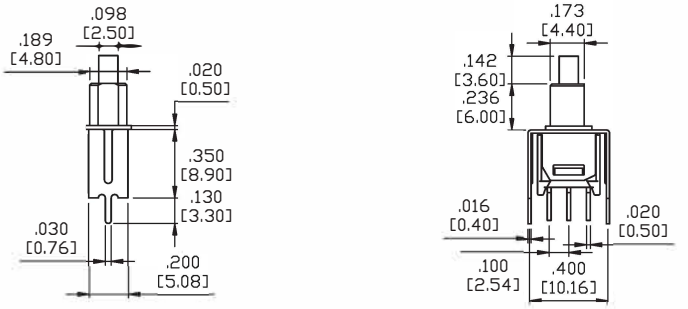


P.C.MOUNTING

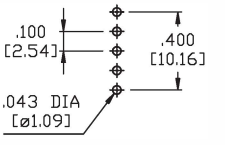


VS2

SPDT

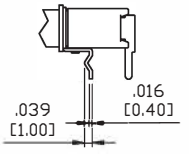


P.C.MOUNTING

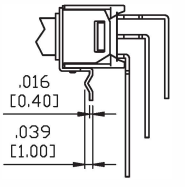


SNAP-IN TERMINATION OPTIONS

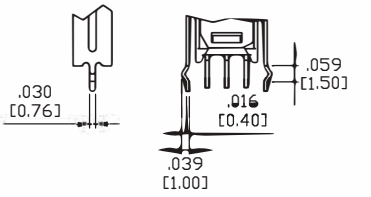
M61



M71



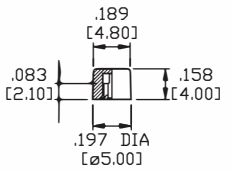
VS21



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

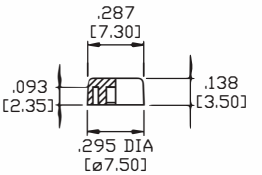
PLUNGER CAPS

C1



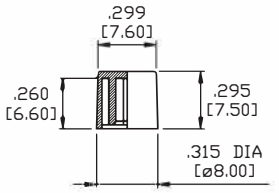
* MATERIAL: ABS.

C2



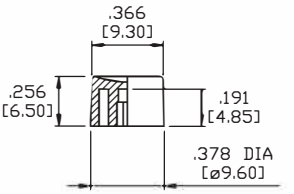
* MATERIAL: ABS.

C3



* MATERIAL: ABS.

C4



* MATERIAL: ABS.

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

* C3 / C4 cap is only for plunger with B8 and B0 bushing.

CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
P	Silver [1]	Silver plated [1]	1Amps @ 125VAC or 28VDC	
Q		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]	1Amps @ 125VAC or 28VDC	

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 is not available with M1 terminal.