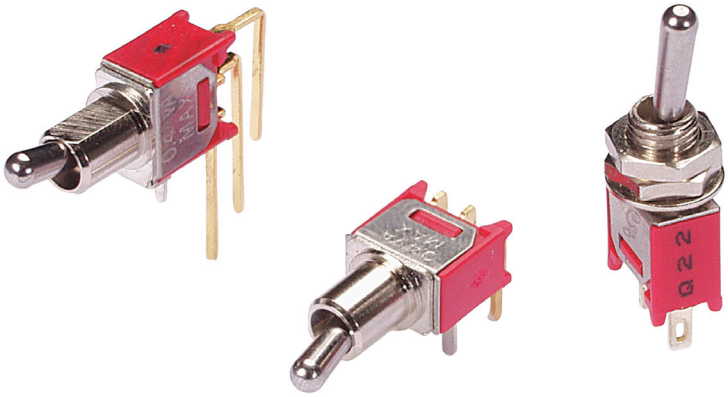
Specifications are subject to change. Please refer to the current datasheet on www.grayhill.com for the most current published specifications for this product.

SERIES 34C
Sub-Miniature Toggle Switches

FEATURES
- Save Space and Weight
- SPDT and DPDT Circuitry
- Choice of Actuators, Bushings, and Terminations
- UL Recoginized



MODELS in inches (and millimeters)

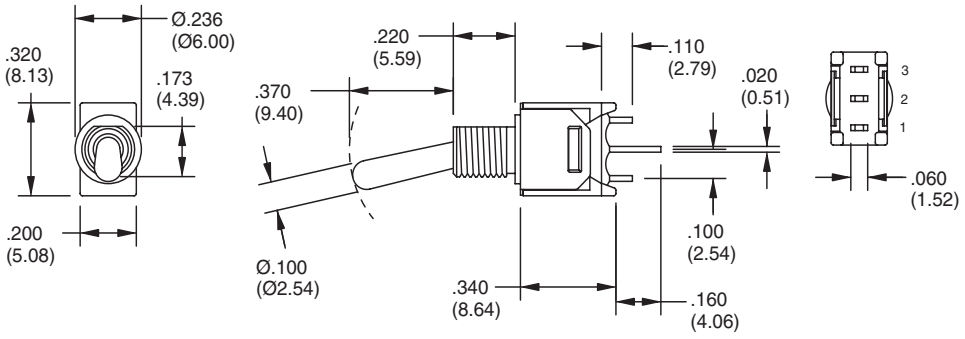
SPDT

MODEL NO.	SWITCH POSITION		
MSP1	ON	NONE	ON
MSP2	ON	NONE	(ON)
MSP3	ON	OFF	ON
MSP4	(ON)	OFF	(ON)
MSP5	ON	OFF	(ON)
TERM. COMM.	2-3	OPEN	2-1

()=MOMENTARY

SCHEMATIC





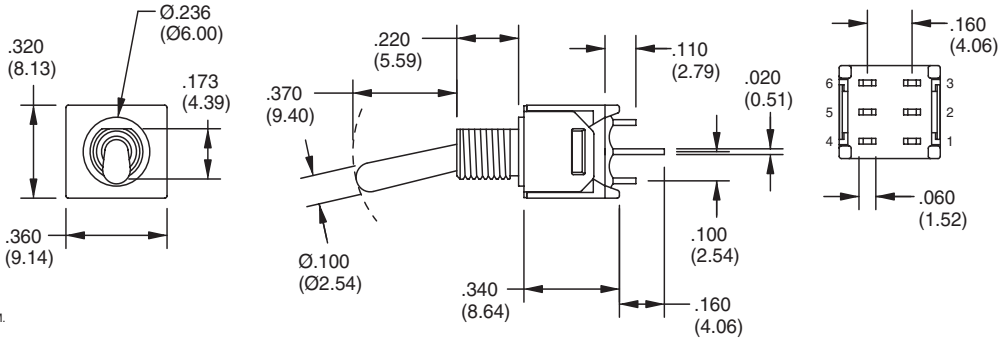
DPDT

MODEL NO.	SWITCH POSITION		
MDP1	ON	NONE	ON
MDP2	ON	NONE	(ON)
MDP3	ON	OFF	ON
MDP4	(ON)	OFF	(ON)
MDP5	ON	OFF	(ON)
TERM. COMM.	2-3, 5-6	OPEN	2-1, 5-4

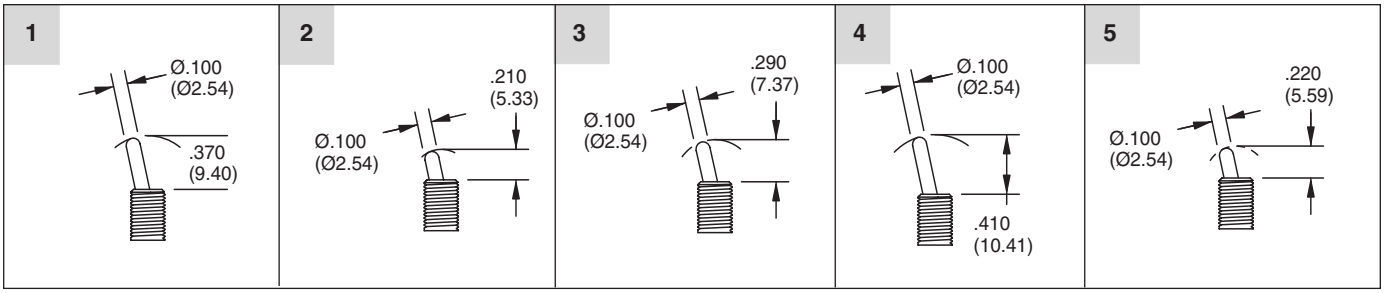
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SCHEMATIC





ACTUATOR OPTIONS in inches (and millimeters)

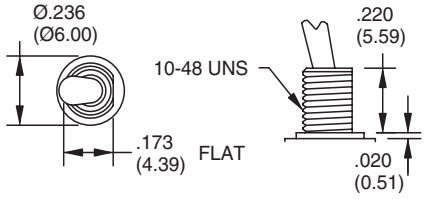


Actuator options 1, 2 and 3 shown with B1 to B4 bushing, subtract 0.90 (2.29) for bushing B5, subtract 0.40 (1,02) for bushing B7.
Actuators 4 and 5 shown with B5 and B6 bushing, add 0.90 (2.29) for bushing B1 to B3, add 0.50 (1,27) for bushing B7.

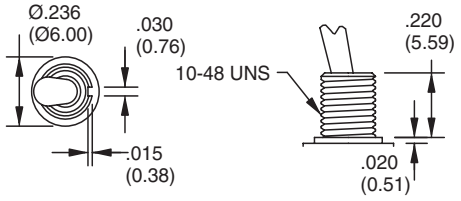
Specifications are subject to change. Please refer to the current datasheet on www.grayhill.com for the most current published specifications for this product.

BUSHING OPTIONS in inches (and millimeters)

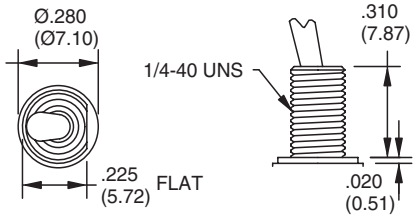
B1 Thd (Std)
B2 Non-Thd



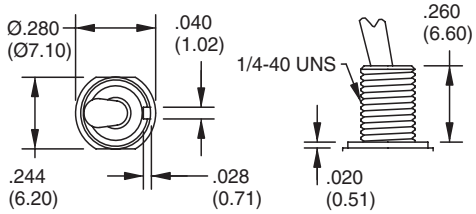
B3 Thd (Std)
B4 Non-Thd



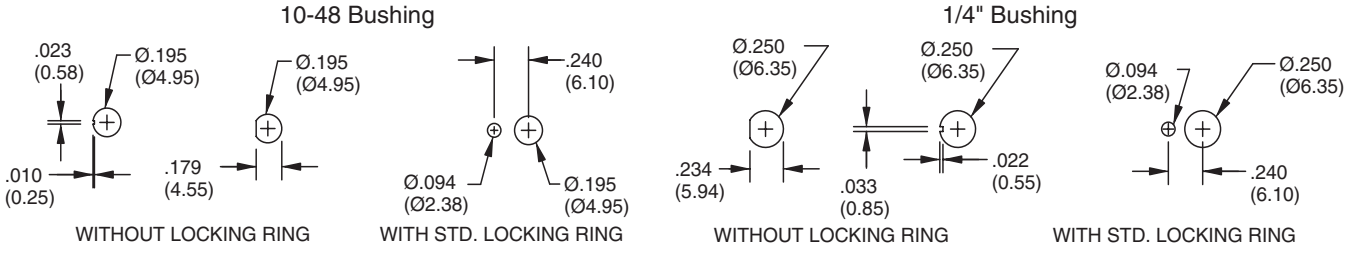
B5 Thd (Std)
B6 Non-Thd



B7 Thd (Std)
B8 Non-Thd

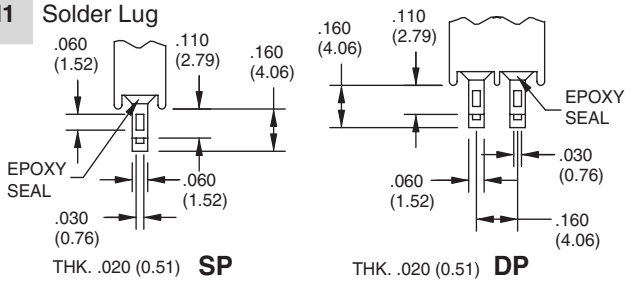


PANEL MOUNTING in inches (and millimeters)

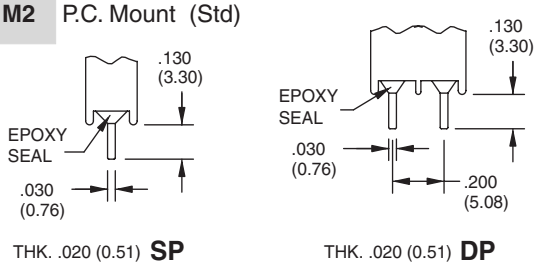


TERMINATION OPTIONS in inches (and millimeters)

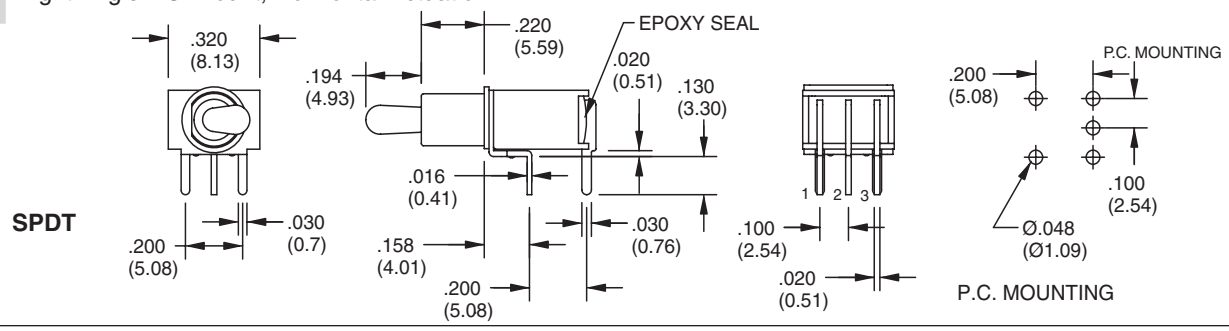
M1 Solder Lug



M2 P.C. Mount (Std)



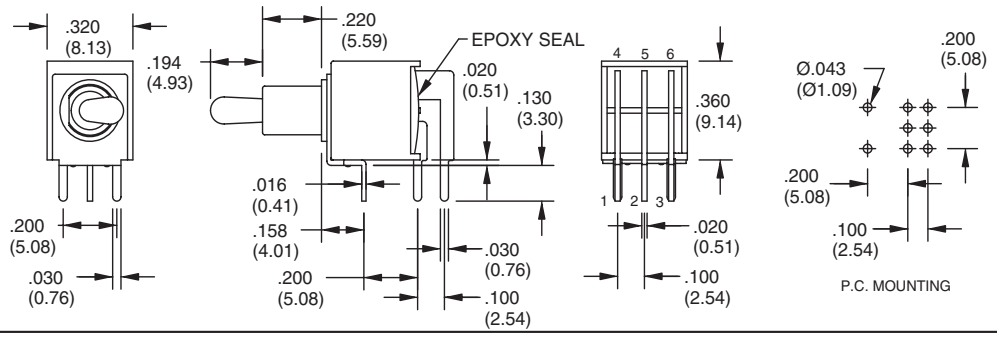
M6 Right Angle P.C. Mount, Horizontal Actuation



TERMINATION OPTIONS in inches (and millimeters)

M6

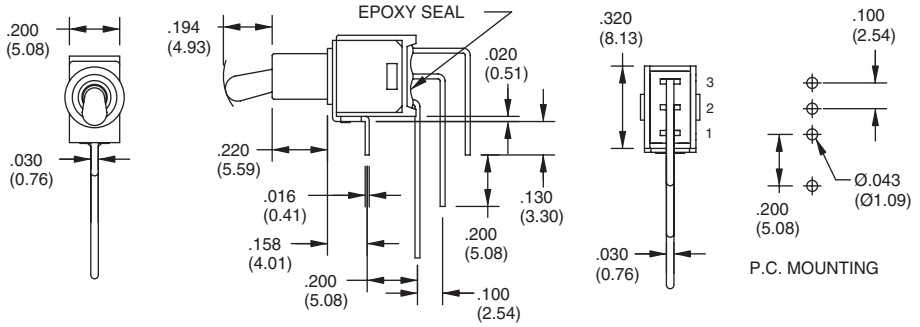
DPDT



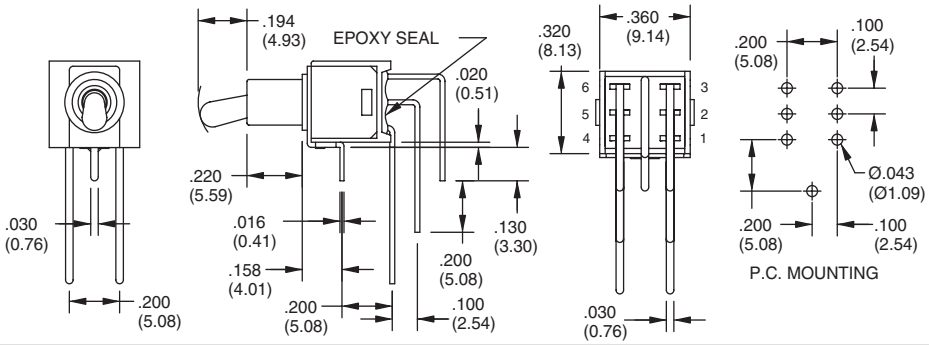
M7

Right Angle P.C. Mount, Vertical Actuation

SPDT

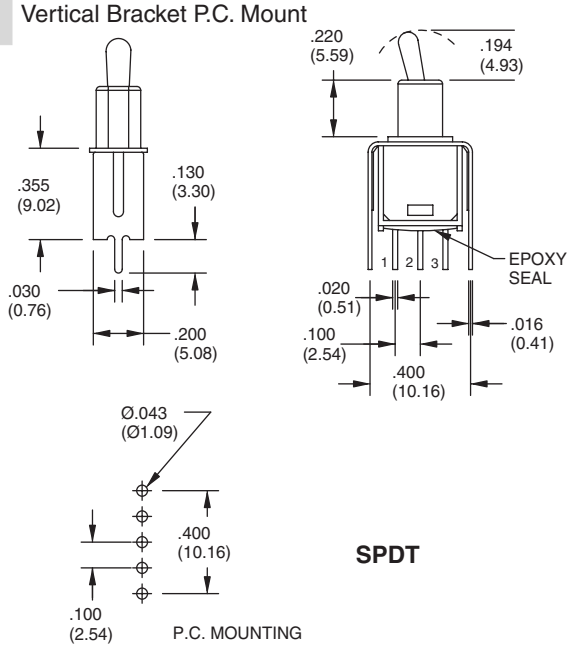


DPDT



V2

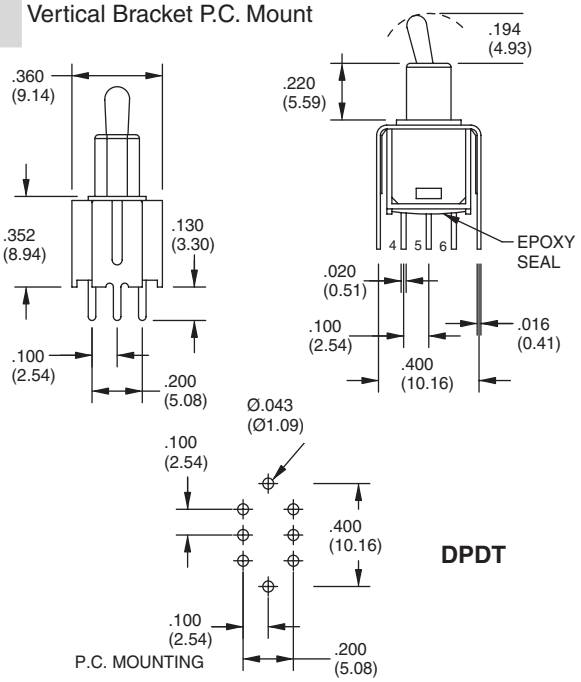
Vertical Bracket P.C. Mount



SPDT

V3

Vertical Bracket P.C. Mount



DPDT

Specifications are subject to change. Please refer to the current datasheet on www.grayhill.com for the most current published specifications for this product.

SPECIFICATIONS

RATINGS

Contact Rating: Q option - 3A with resistive load @ 125VAC or 28 VDC; 1.5A with resistive load @ 250 VAC. R option-0.4 VA max @ 20 Vmax (AC or DC)
Electrical Life: 30,000 make-and-break cycles at full load
Contact Resistance: 10 milliohms max. initial @ 2-4 VDC, 100 mA
Insulation Resistance: 1,000 megaohms minimum
Dielectic Strength: 1,000 V RMS @ sea level
Operating Temperature: -30°C to 85°C
UL Recognition: File number is E35289

MATERIALS

Case: Diallyl phthalate (DAP) (UL 94V-0)
Toggle Handle: Brass, chrome plated
Bushing: Brass, nickel plated
Housing: Stainless steel
Terminal/Switch Support: Brass, electrotin plated
Terminal Seal: Epoxy

ORDERING INFORMATION

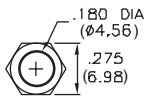
34CWSP12B4M2RT

- Series 34C Sub-Miniature Toggle Switches
- Model: SPDT: MSP1, MSP2, MSP3, MSP4, MSP5
  DPDT: MDP1, MDP2, MDP3, MDP4, MDP5
  (See Model options.)
- Actuator: 1, 2, 3, 4, 5 (See Actuator options.)
- Bushing Option: B1, B2, B3, B4, B5, B6, B7, B8
  (See Bushing options.)
- RoHS Compliant
- Contact: R = Copper alloy, gold plate over nickel plate,
  Q = Copper alloy over silver plate
- Termination Options: M1, M2, M6, M7, V2, V3
  (See Termination options.)

Available from your local Grayhill Component Distributor.
For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

HARDWARE in inches (and millimeters)

NUT

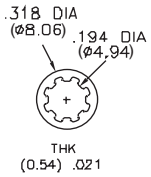


10-48 UNS-2B



HDW21

LOCK WASHER



HDW22