SERIES 34B

Sealed Miniature Toggle Switches

FEATURES

- Save Space and Weight
- SPDT, DPDT, and 3PDT Circuitry
- Choice of Actuators, Bushings and Terminations
- Sealed per IP67

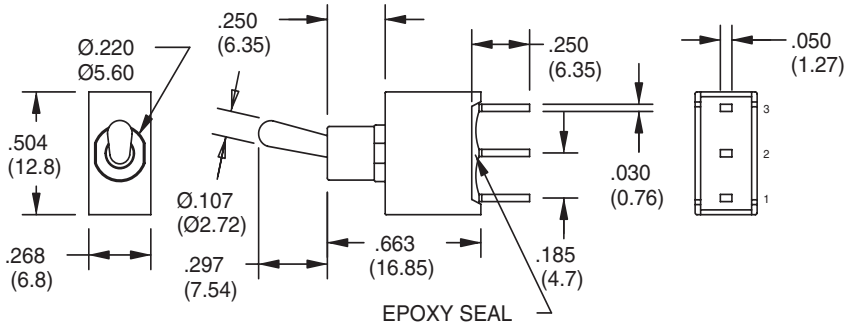
MODELS In inches (and millimeters)

SPDT

Model No.	Switching Position		
WSP1	ON	NONE	ON
WSP2	ON	NONE	(ON)
WSP3	ON	OFF	ON
WSP4	(ON)	OFF	(ON)
WSP5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

()=MOMENTARY

SCHEMATIC

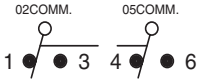


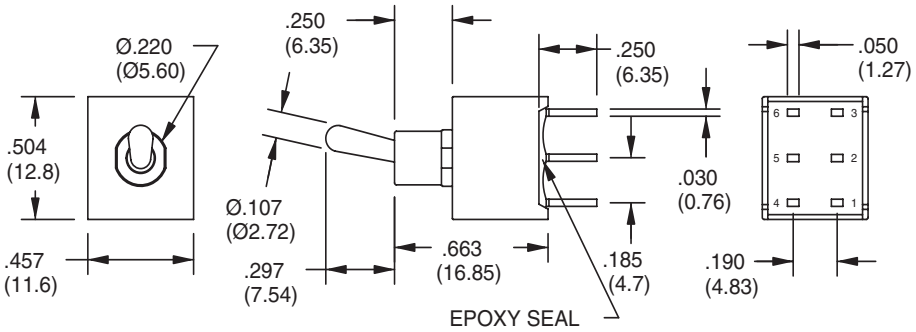
DPDT

Model No.	Switching Position		
WDP1	ON	NONE	ON
WDP2	ON	NONE	(ON)
WDP3	ON	OFF	ON
WDP4	(ON)	OFF	(ON)
WDP5	ON	OFF	(ON)
Term. Comm.	2-3 5-6	OPEN	2-1 5-4

()=MOMENTARY

SCHEMATIC

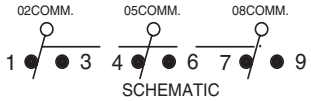


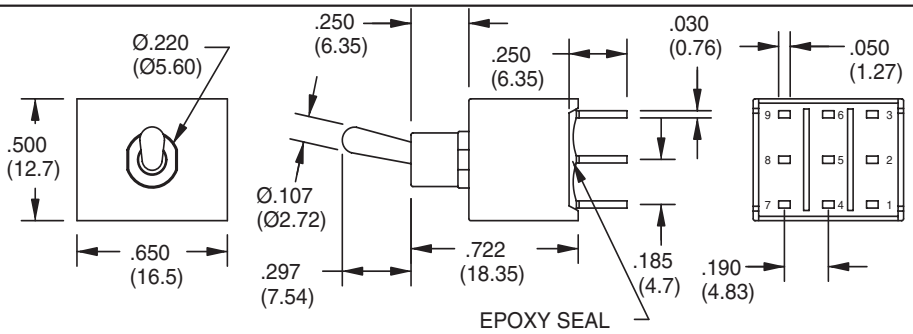


3PDT

Model No.	Switching Position		
W3P1	ON	NONE	ON
W3P2	ON	NONE	(ON)
W3P3	ON	OFF	ON
W3P4	(ON)	OFF	(ON)
W3P5	ON	OFF	(ON)
Term. Comm.	2-3 5-6	OPEN	2-1 5-4

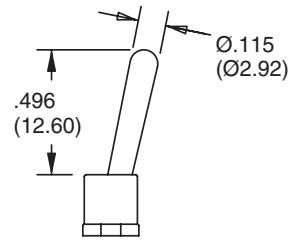
()=MOMENTARY





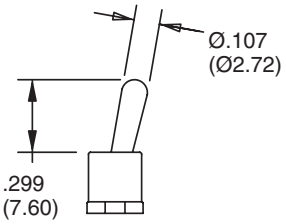
ACTUATOR OPTIONS In inches (and millimeters)

1



SUBTRACT .079 (2.00) FOR
BUSHING OPTION B1

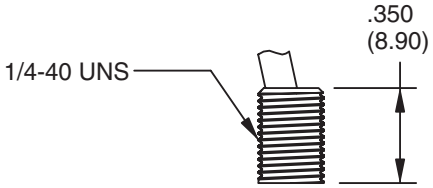
2 Std



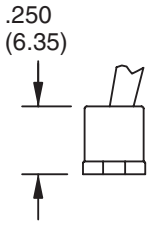
SUBTRACT .083 (2.10) FOR
BUSHING OPTION B1

BUSHING OPTIONS In inches (and millimeters)

B1



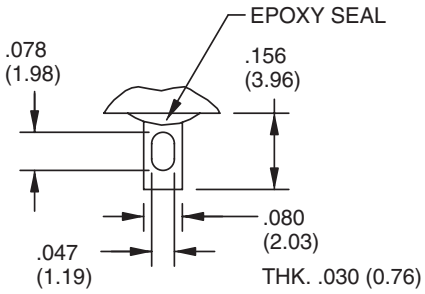
B4 Std



TERMINATION OPTIONS In inches (and millimeters)

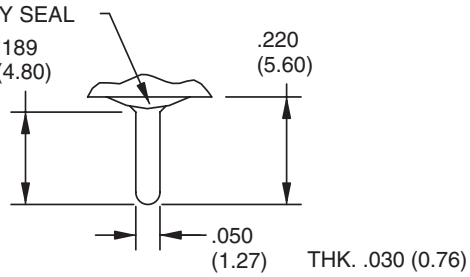
M1

Solder Lug



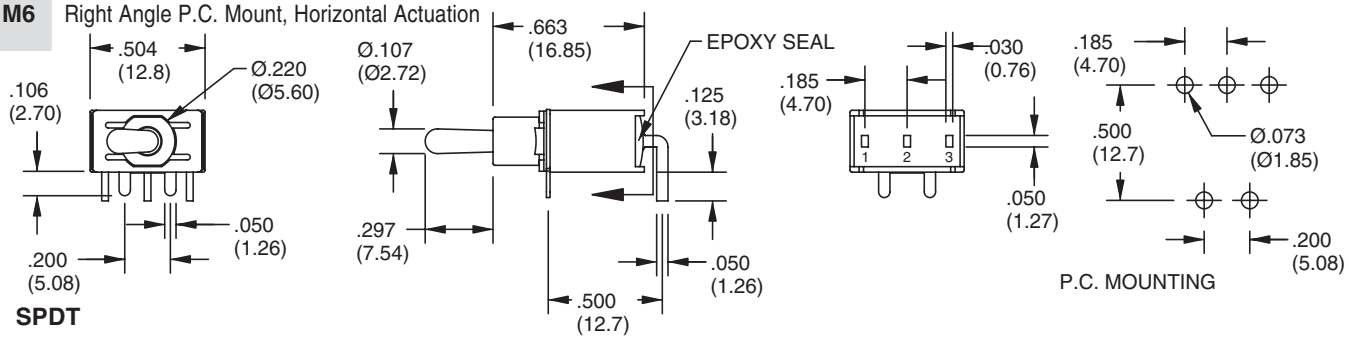
M2

P.C. Mount
(Std)

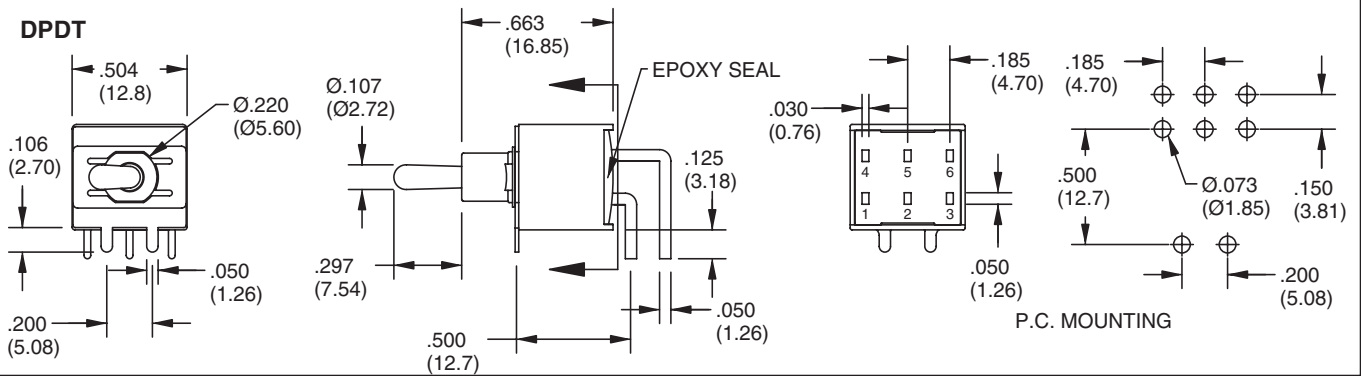


M6 Right Angle P.C. Mount, Horizontal Actuation

SPDT

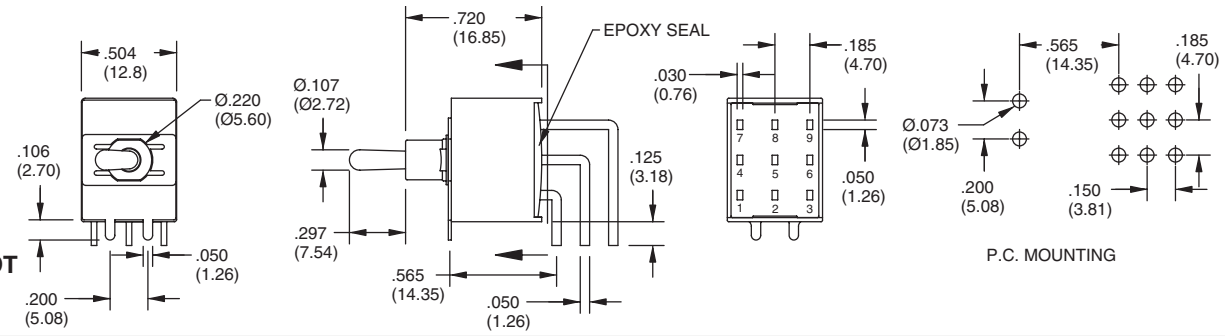


DPDT



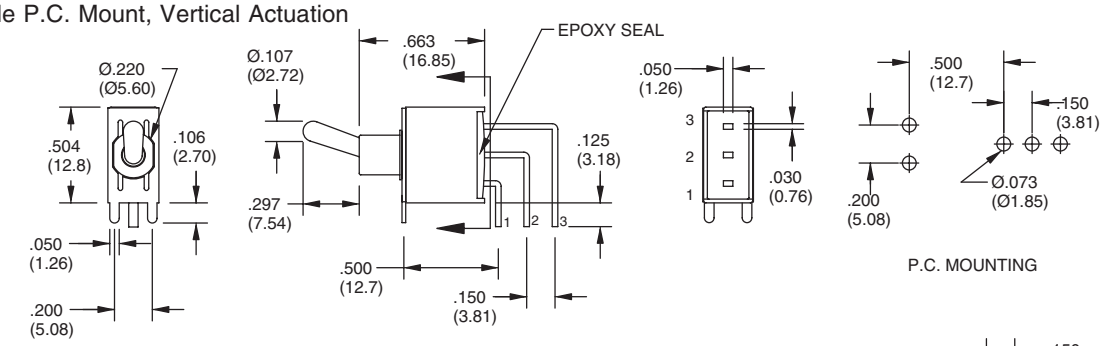
TERMINATION OPTIONS In inches (and millimeters)

3PDT

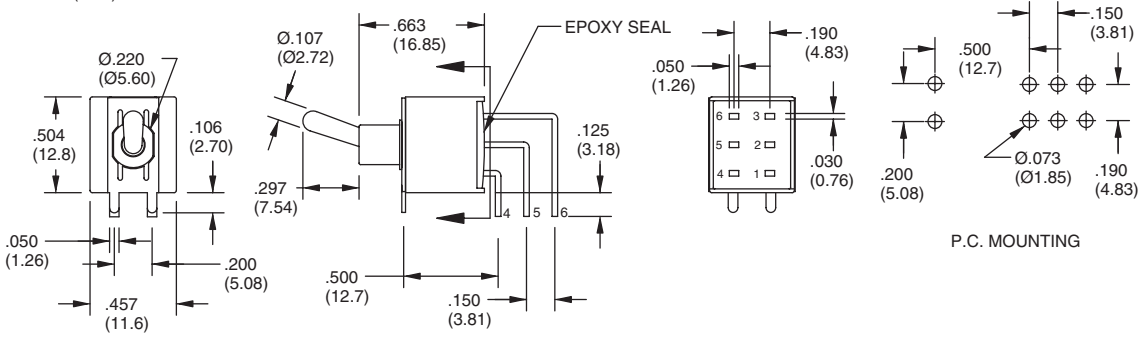


M7 Right Angle P.C. Mount, Vertical Actuation

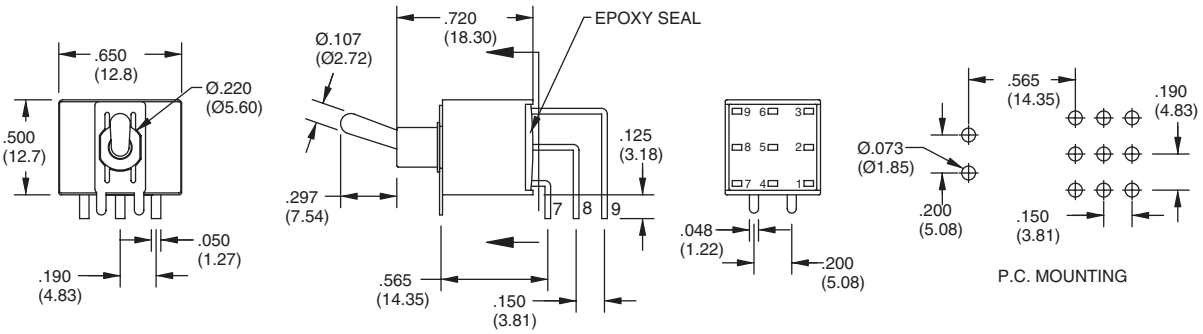
SPDT



DPDT

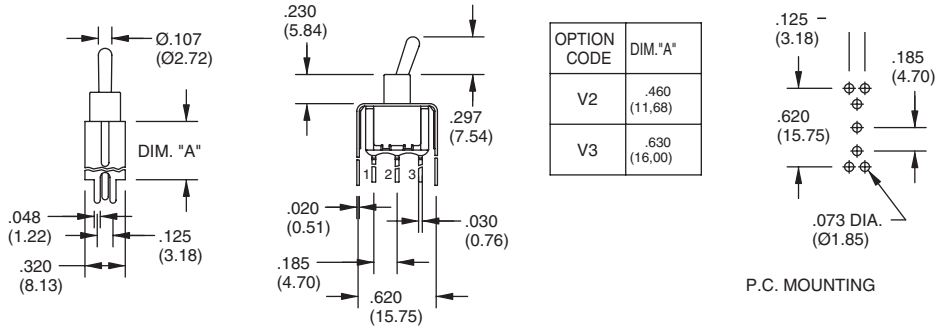


3PDT



V2-V3 Vertical Bracket P.C. Mount

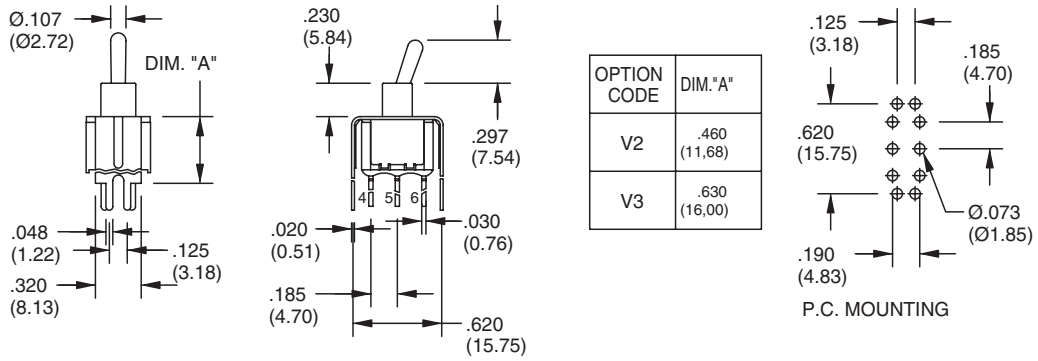
SPDT



OPTION CODE	DIM."A"
V2	.460 (11,68)
V3	.630 (16,00)

TERMINATION OPTIONS In inches (and millimeters)

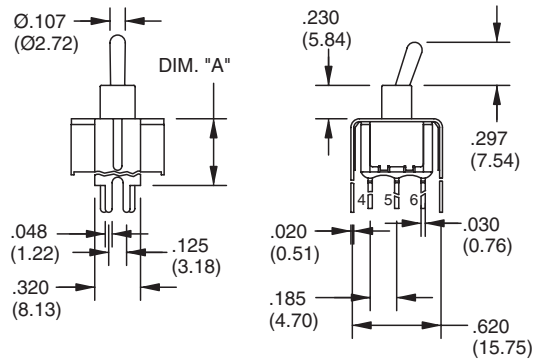
DPDT



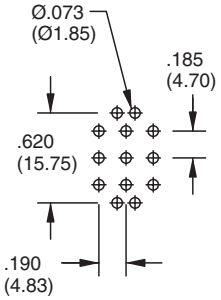
OPTION CODE	DIM."A"
V2	.460 (11,68)
V3	.630 (16,00)

P.C. MOUNTING

3PDT



OPTION CODE	DIM."A"
V2	.460 (11,68)
V3	.630 (16,00)



P.C. MOUNTING

SPECIFICATIONS

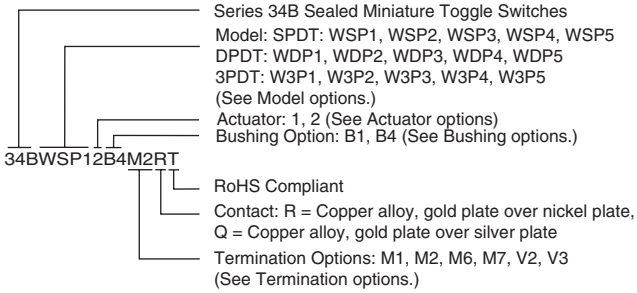
RATINGS

Contact Rating: Q option - 5A with resistive load @ 125VAC or 28 VDC; 2A with resistive load @ 250 VAC. R option-0.4 VA max @ 20 Vmax (AC or DC)
Electrical Life: 50,000 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: 1,500 V RMS @ sea level
Operating Temperature: -30°C to 85°C

MATERIALS

Case and Bushings: Glass-filled nylon 6/6, flame retardant, heat stabilized (UL94V-0)
Actuator: Brass, chrome plated. Internal O-ring seal standard with all actuators.
Frame: Spring steel
Switch Support: Brass, tin-plated
Actuator Pivot & Mounting Bracket: Nylon
Actuator Pivot Retainer: Stainless Steel
Terminal and Contacts: Copper alloy with plated over nickel or silver plate
Terminal Seal: Epoxy

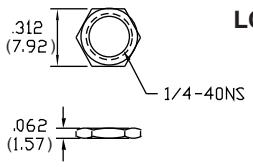
ORDERING INFORMATION



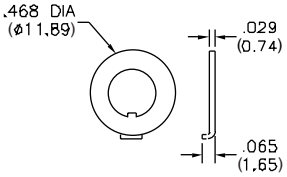
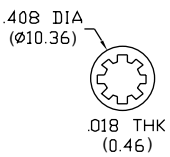
Available from your local Grayhill Component Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

HARDWARE In inches (and millimeters)

NUT



LOCKING RING



LOCK WASHER