# 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

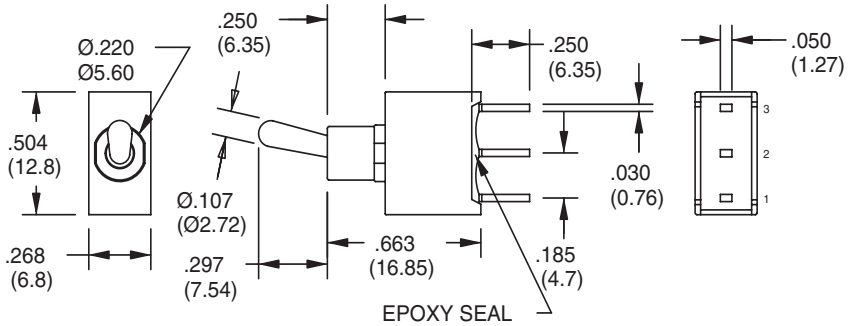
## MODELS In inches (and millimeters)

### 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

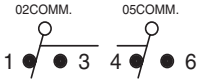


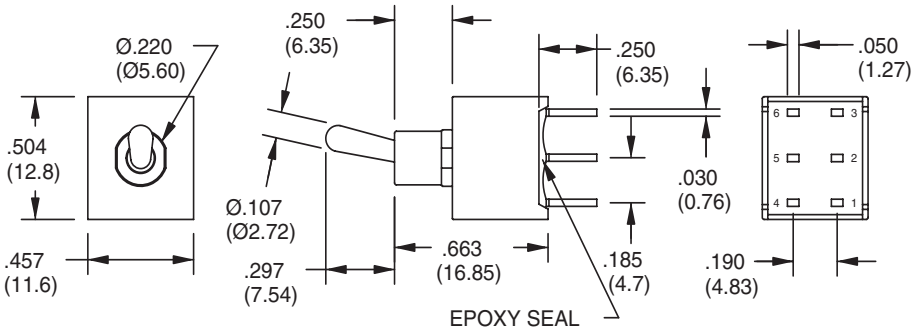

### DPDT

| 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<br>5-6 | OPEN | 2-1<br>5-4 |

()=MOMENTARY

SCHEMATIC

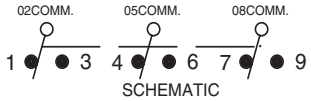


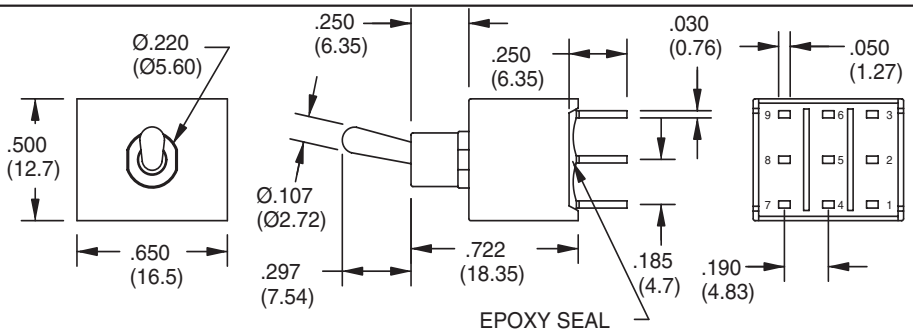




### 3PDT

| 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<br>5-6 | OPEN | 2-1<br>5-4 |

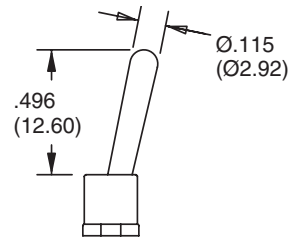
()=MOMENTARY



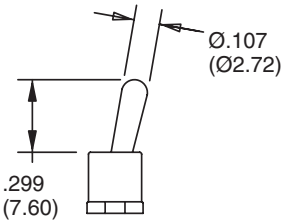
## ACTUATOR OPTIONS In inches (and millimeters)

**1**




SUBTRACT .079 (2.00) FOR
BUSHING OPTION B1

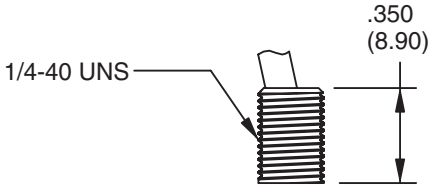
**2** Std



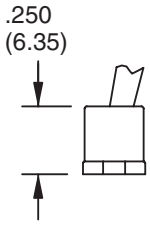

SUBTRACT .083 (2.10) FOR
BUSHING OPTION B1

## BUSHING OPTIONS In inches (and millimeters)

**B1**



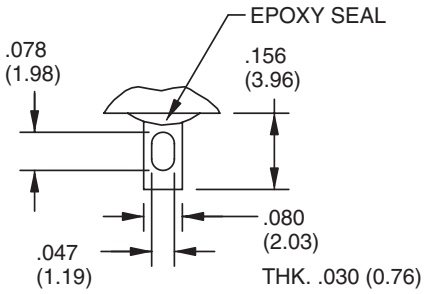

**B4** Std




## TERMINATION OPTIONS In inches (and millimeters)

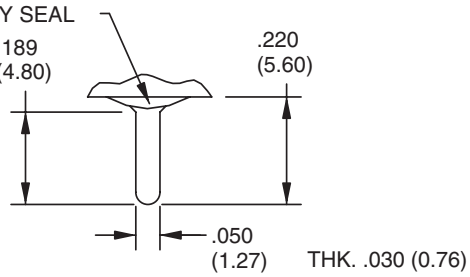
**M1**

Solder Lug



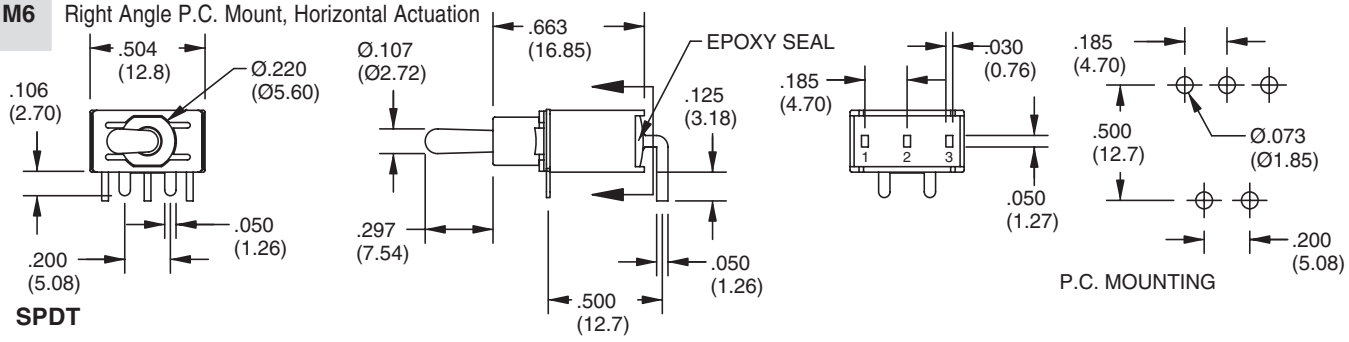

**M2**

P.C. Mount
(Std)

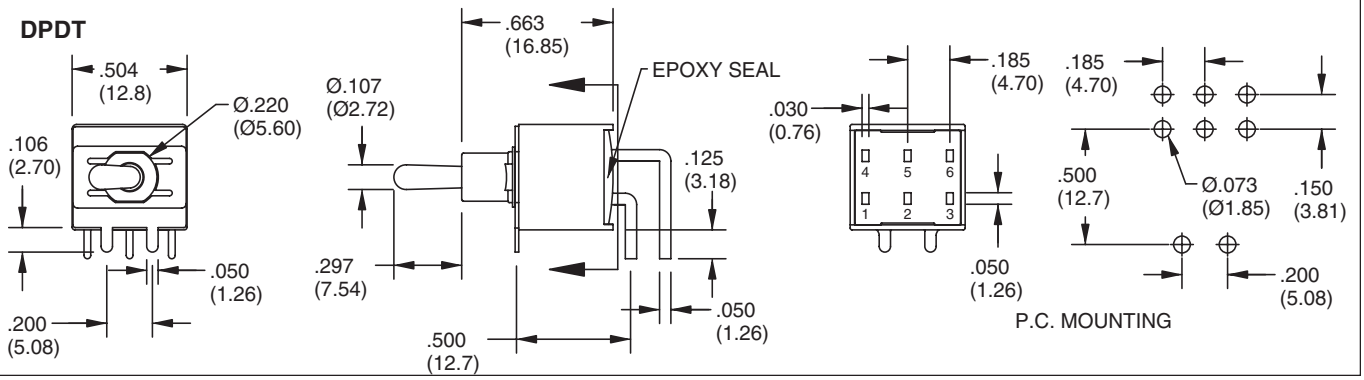



**M6** Right Angle P.C. Mount, Horizontal Actuation

**SPDT**



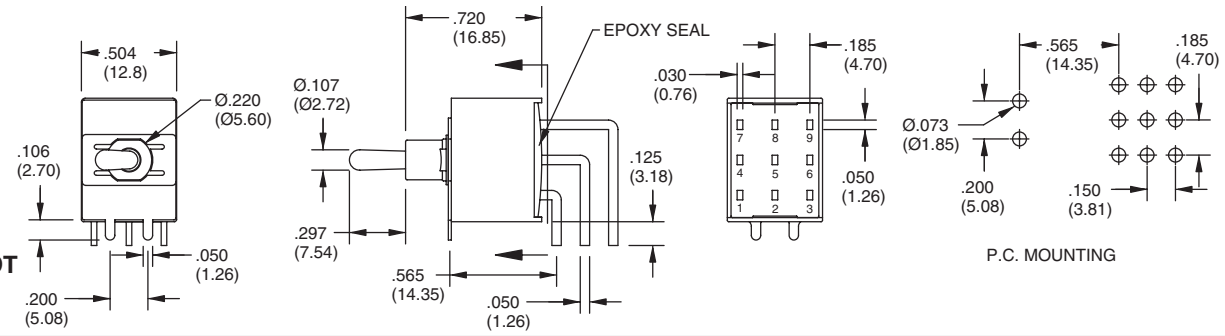

**DPDT**



## TERMINATION OPTIONS In inches (and millimeters)

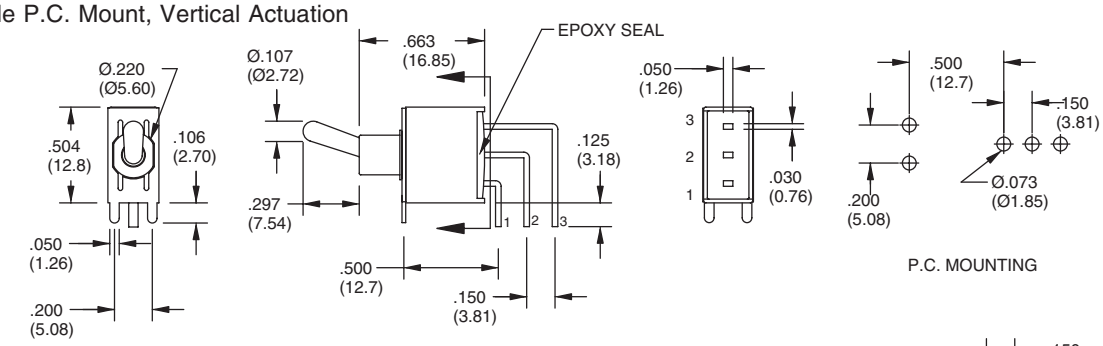


### 3PDT

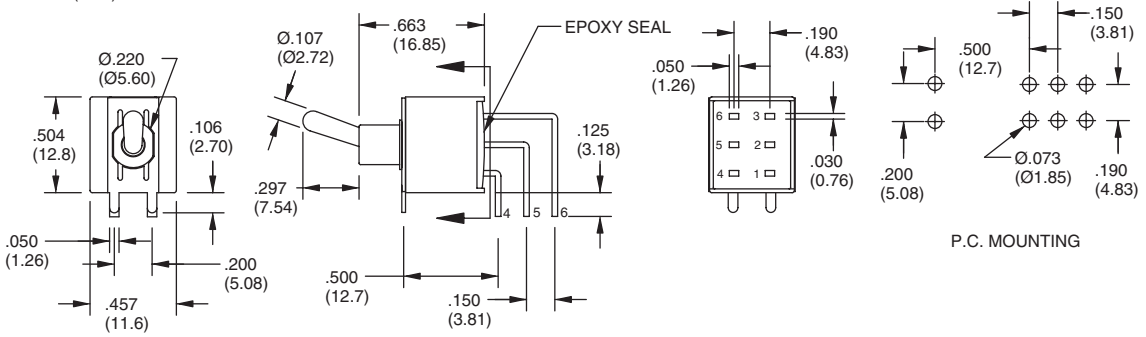



## M7 Right Angle P.C. Mount, Vertical Actuation

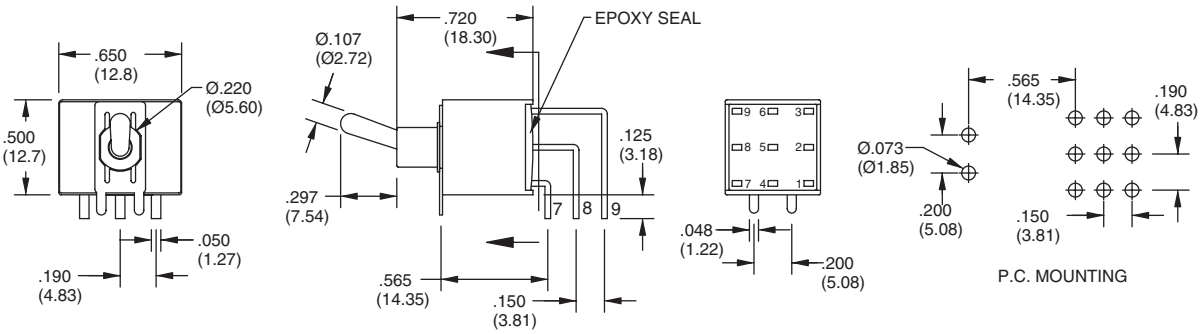
### SPDT




### DPDT

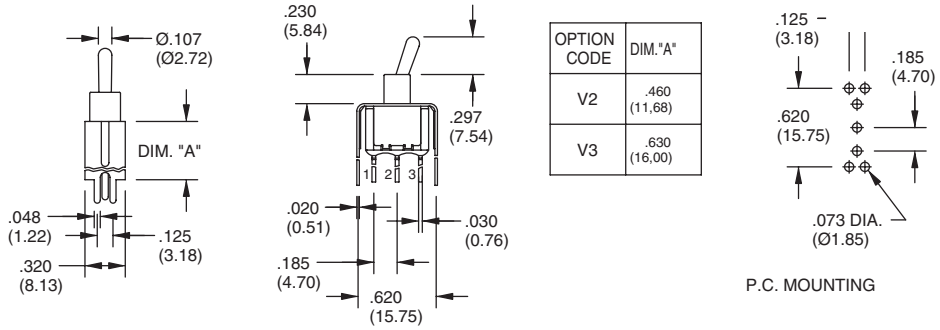



### 3PDT




## V2-V3 Vertical Bracket P.C. Mount

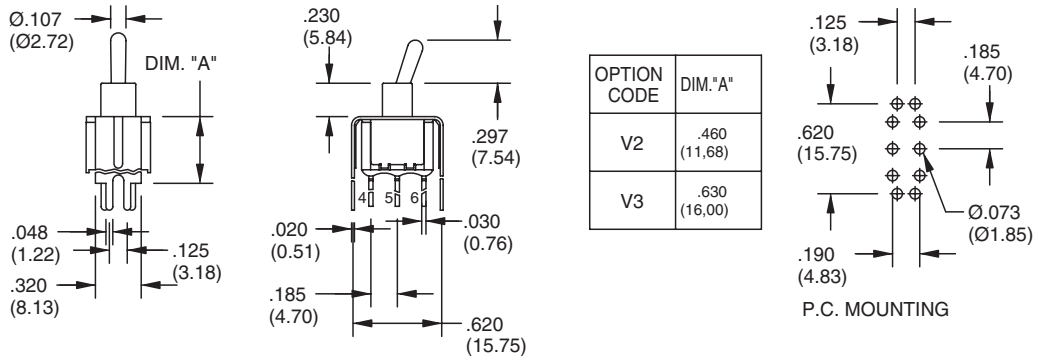
### SPDT




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

## TERMINATION OPTIONS In inches (and millimeters)

**DPDT**

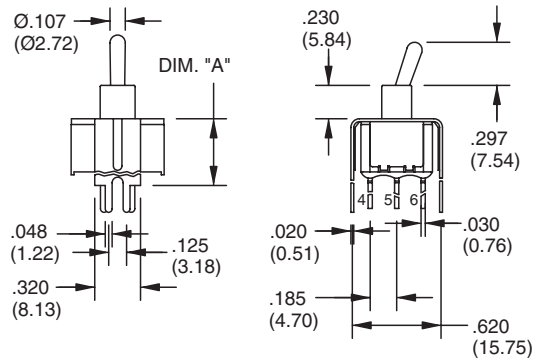



| OPTION CODE | DIM."A" |
|---|---|
| V2 | .460 (11,68) |
| V3 | .630 (16,00) |

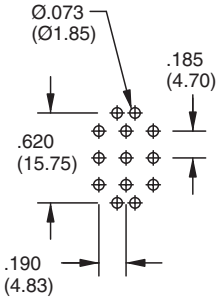



P.C. MOUNTING

**3PDT**




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




P.C. MOUNTING

## SPECIFICATIONS

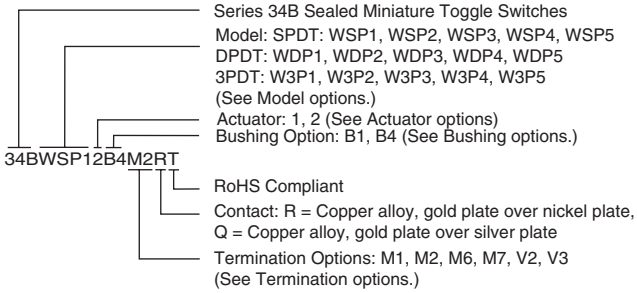
### RATINGS

**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

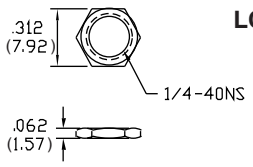
## ORDERING INFORMATION



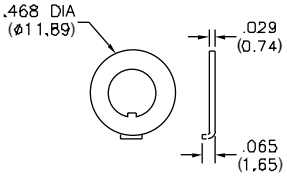

**Available from your local Grayhill Component Distributor.** For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

## HARDWARE In inches (and millimeters)

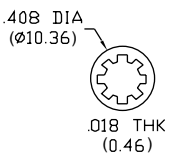
**NUT**




**LOCKING RING**




**LOCK WASHER**



LifeElectronics
Живое партнерство

**ООО «ЛайфЭлектроникс»** **“LifeElectronics” LLC**

*ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703*

*Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.*

*С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров*

*Мы предлагаем:*

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

*В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.*

*Конструкторский отдел помогает осуществить:*

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

*Тел: +7 (812) 336 43 04 (многоканальный)*
*Email: org@lifeelectronics.ru*

***www.lifeelectronics.ru***