

## SERIES 47A

### Miniature Rocker and Paddle Switches

#### FEATURES

- Save Space and Weight
- SPDT, DPDT, 3PDT and 4PDT Circuitry
- Choice of Actuators and Terminations
- UL Recognized



#### MODELS In inches (and millimeters)

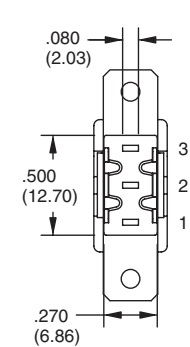
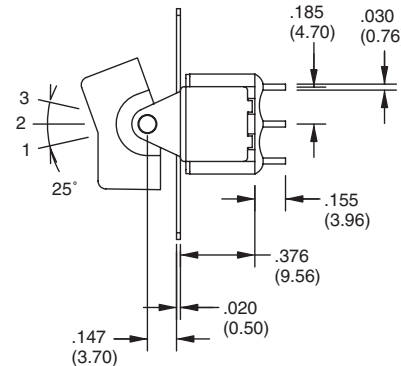
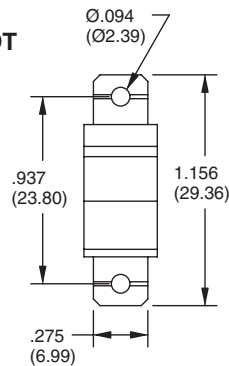
| MODEL NO.   | SWITCH POSITION                                                                   |                                                                                   |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|             |  |  |  |
| SP1         | ON                                                                                | NONE                                                                              | ON                                                                                |
| SP2         | ON                                                                                | NONE                                                                              | (ON)                                                                              |
| SP3         | ON                                                                                | OFF                                                                               | ON                                                                                |
| SP4         | (ON)                                                                              | OFF                                                                               | (ON)                                                                              |
| SP5         | ON                                                                                | OFF                                                                               | (ON)                                                                              |
| TERM. COMM. | 2-3                                                                               | OPEN                                                                              | 2-1                                                                               |

( )=MOMENTARY  
02COMM.

SCHEMATIC

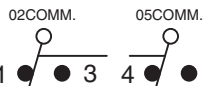


#### SPDT



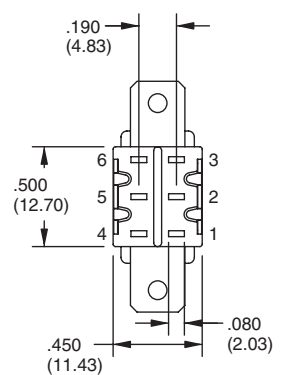
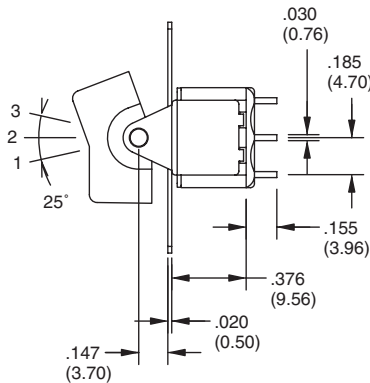
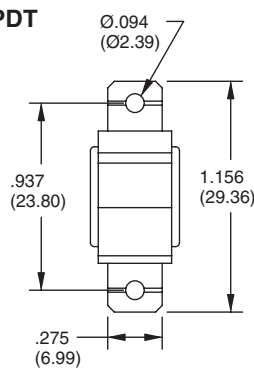
| MODEL NO.   | SWITCH POSITION                                                                     |                                                                                     |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             |  |  |  |
| DP1         | ON                                                                                  | NONE                                                                                | ON                                                                                  |
| DP2         | ON                                                                                  | NONE                                                                                | (ON)                                                                                |
| DP3         | ON                                                                                  | OFF                                                                                 | ON                                                                                  |
| DP4         | (ON)                                                                                | OFF                                                                                 | (ON)                                                                                |
| DP5         | ON                                                                                  | OFF                                                                                 | (ON)                                                                                |
| TERM. COMM. | 2-3,5-6                                                                             | OPEN                                                                                | 2-1,5-4                                                                             |

( )=MOMENTARY



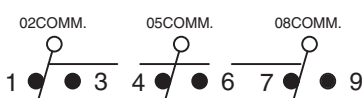
SCHEMATIC

#### DPDT



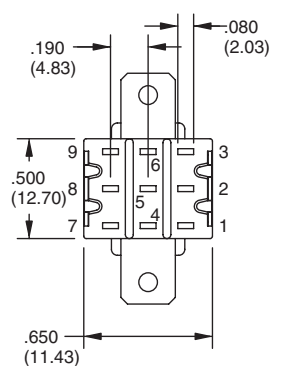
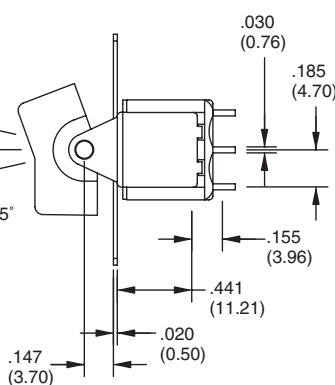
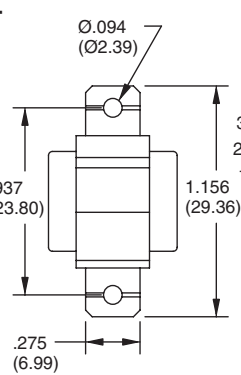
| MODEL NO.   | SWITCH POSITION                                                                     |                                                                                     |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|             |  |  |  |
| 3P1         | ON                                                                                  | NONE                                                                                | ON                                                                                  |
| 3P2         | ON                                                                                  | NONE                                                                                | (ON)                                                                                |
| 3P3         | ON                                                                                  | OFF                                                                                 | ON                                                                                  |
| 3P4         | (ON)                                                                                | OFF                                                                                 | (ON)                                                                                |
| 3P5         | ON                                                                                  | OFF                                                                                 | (ON)                                                                                |
| TERM. COMM. | 2-3,5-6                                                                             | OPEN                                                                                | 2-1,5-4                                                                             |

( )=MOMENTARY

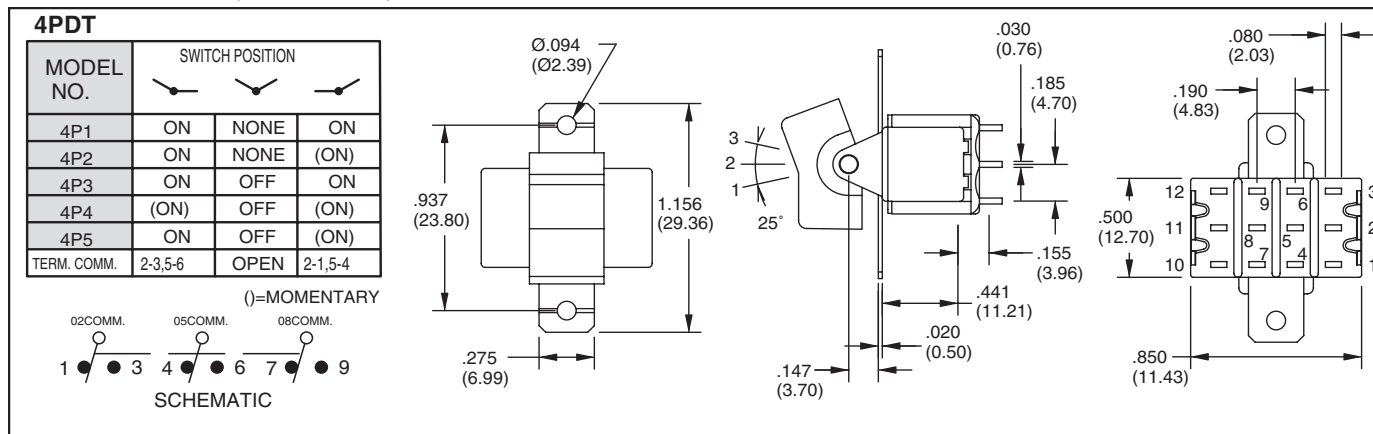


SCHEMATIC

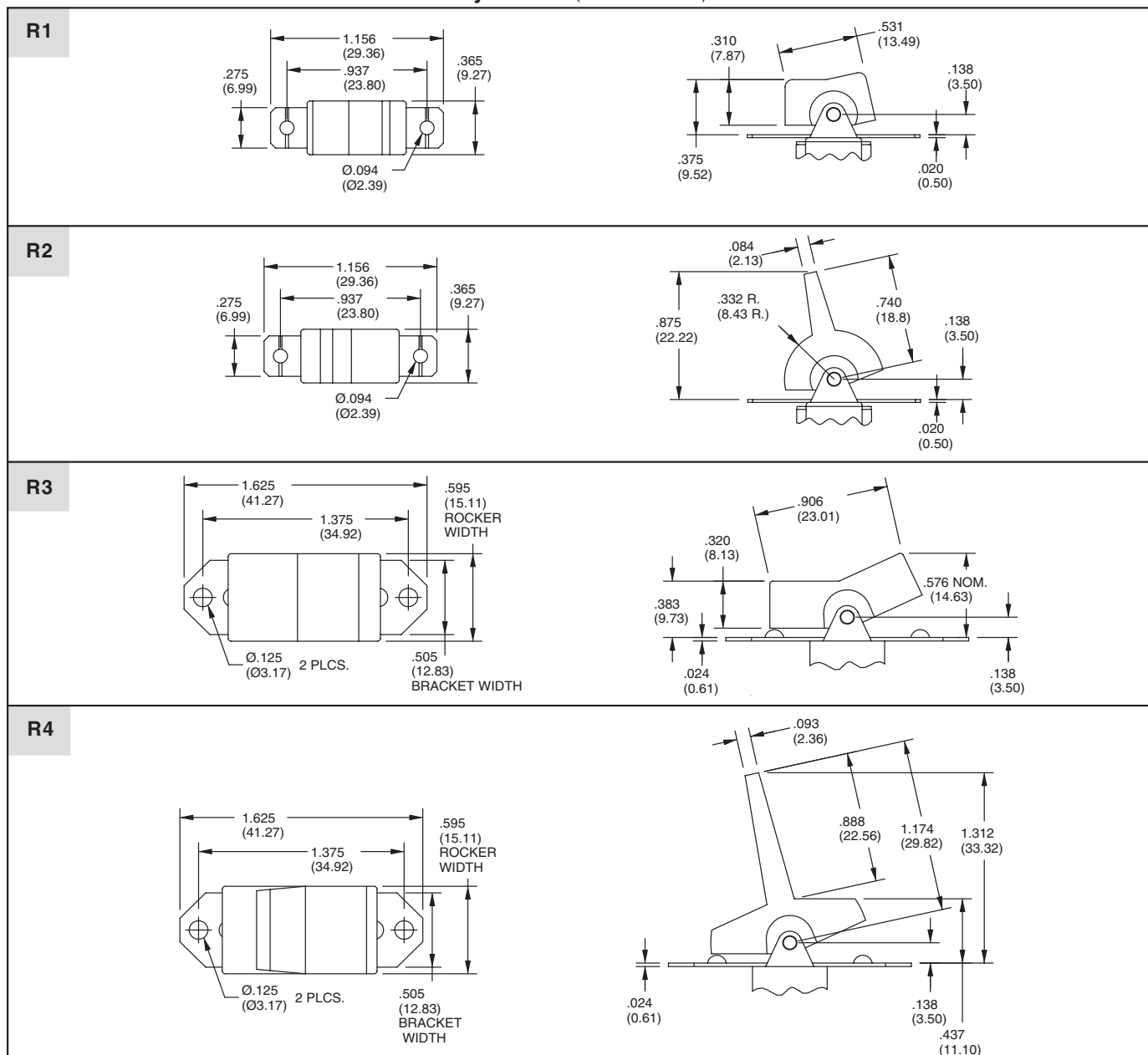
#### 3PDT

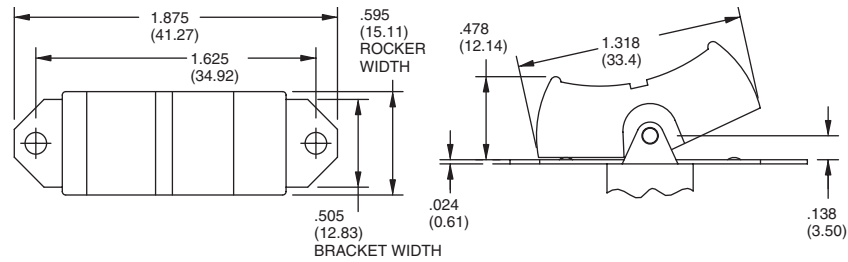
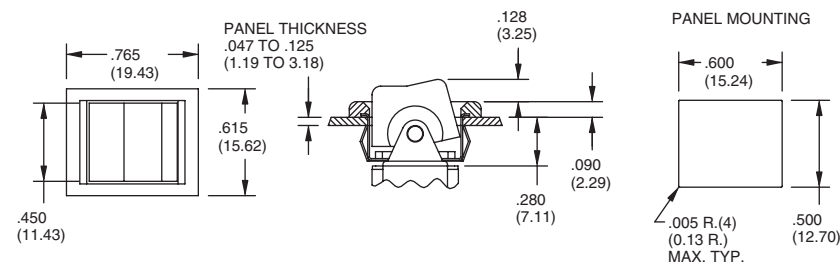
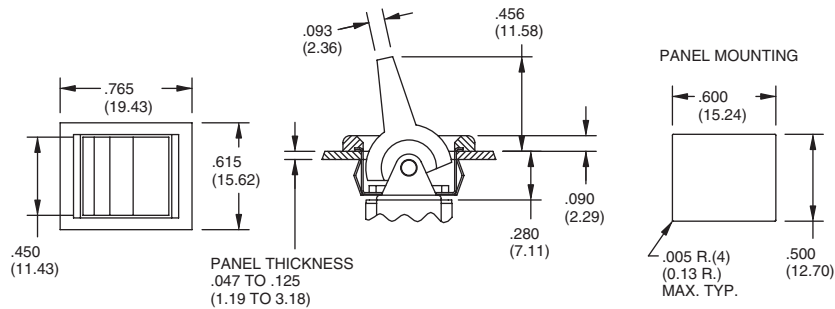
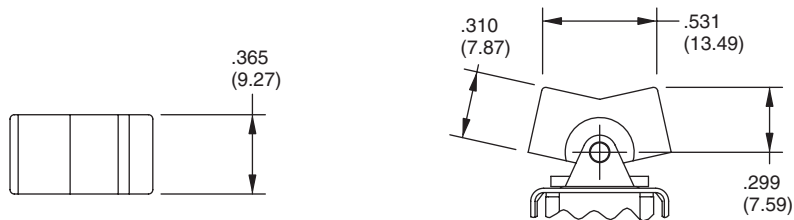
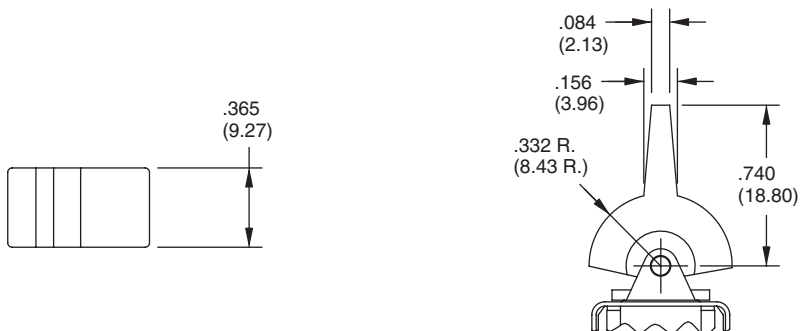


## MODELS In inches (and millimeters)

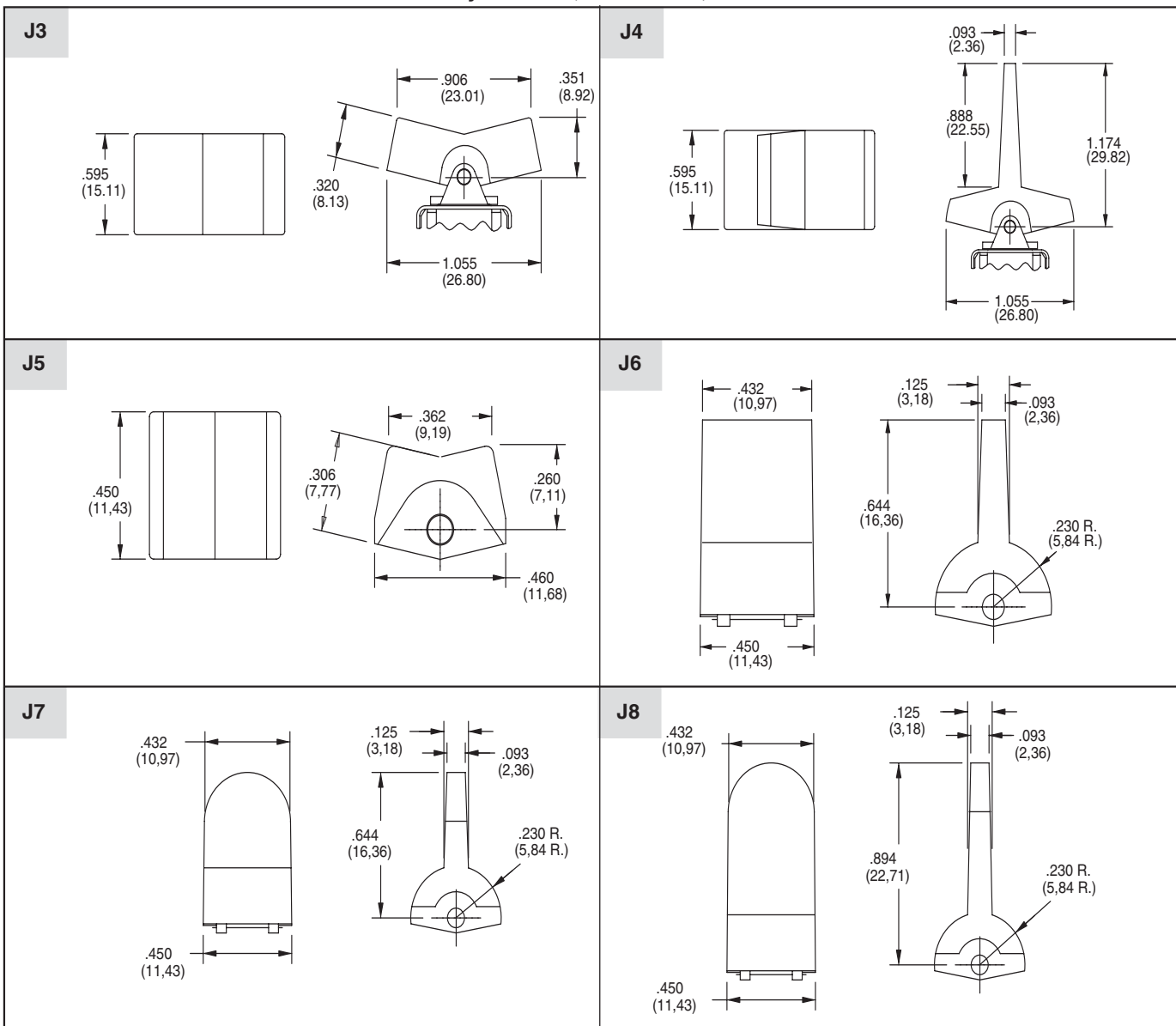


## ACTUATOR OPTIONS: For Panel Mount Only In inches (and millimeters)

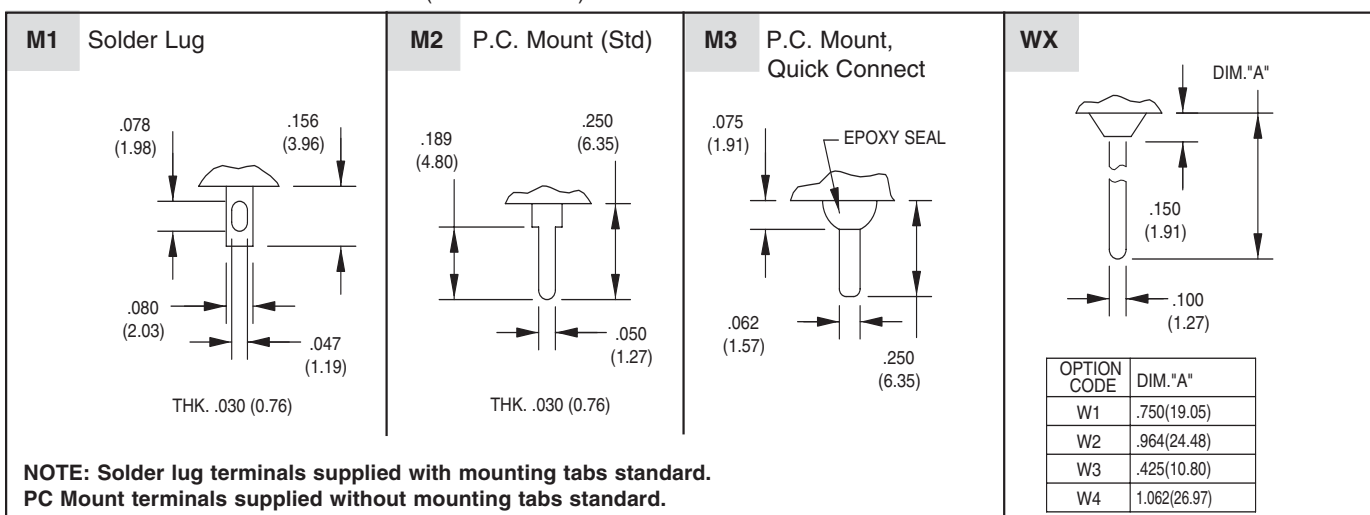


**ACTUATOR OPTIONS: For Panel Rear Mount Only** In inches (and millimeters)**R5****R6****R7****ACTUATOR OPTIONS: For P.C. Mount Only** In inches (and millimeters)**J1****J2**

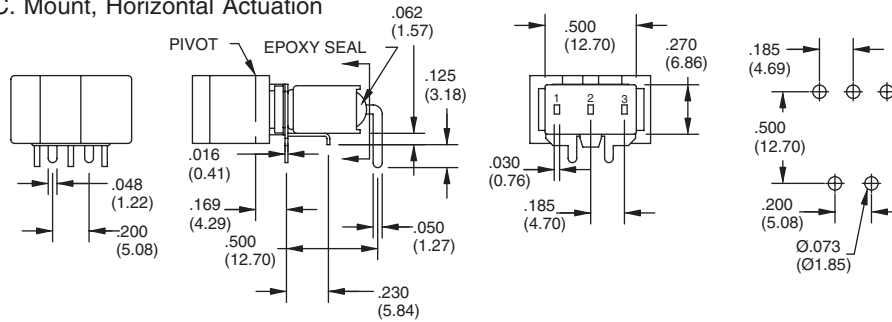
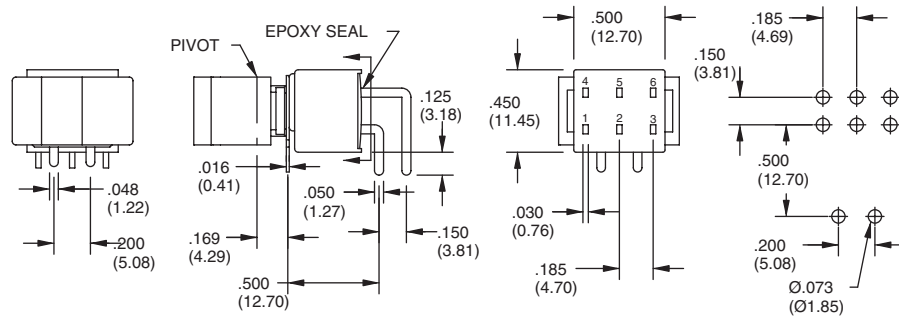
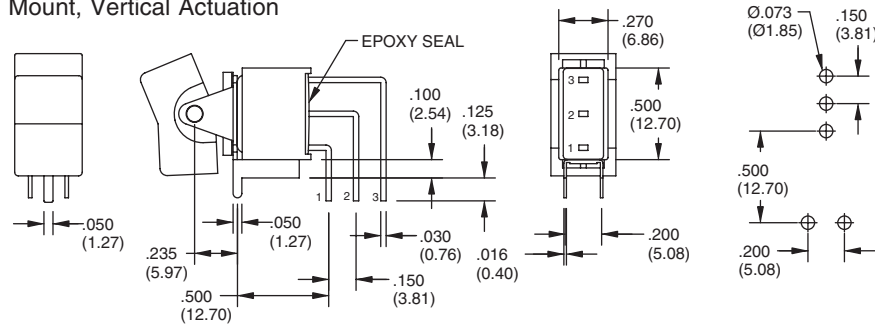
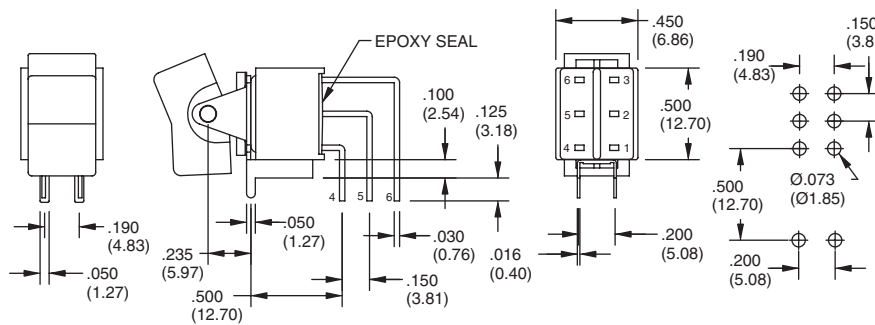
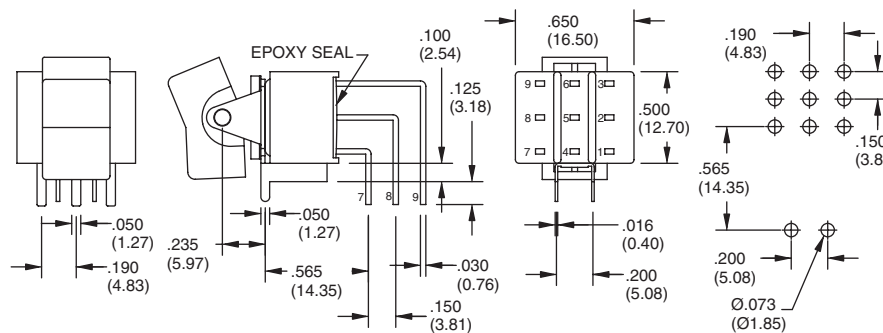
## ACTUATOR OPTIONS: For P.C. Mount Only In inches (and millimeters)



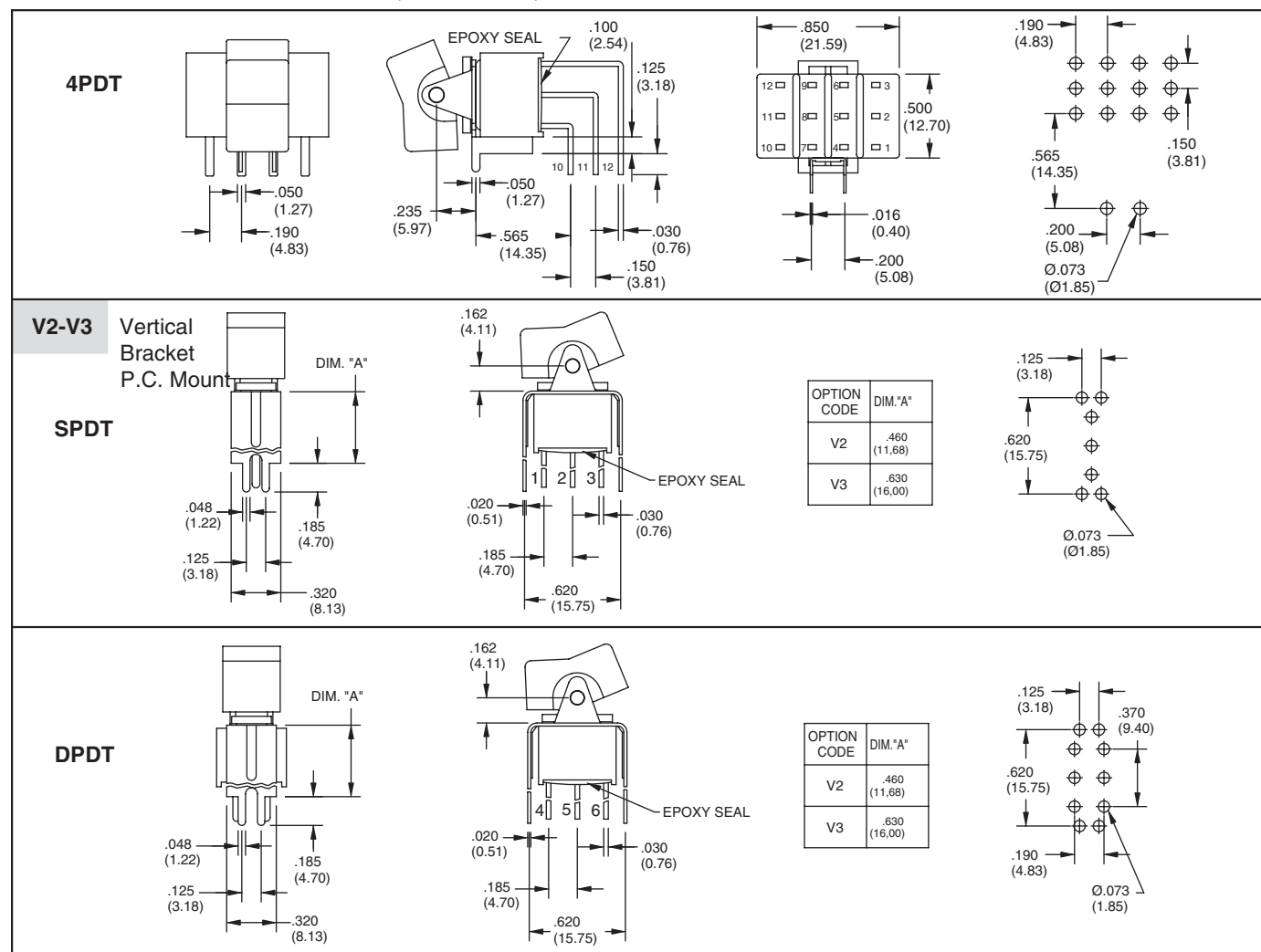
## TERMINATION OPTIONS In inches (and millimeters)



**NOTE: Solder lug terminals supplied with mounting tabs standard.  
PC Mount terminals supplied without mounting tabs standard.**

**TERMINATION OPTIONS** In inches (and millimeters)**M6** Right Angle P.C. Mount, Horizontal Actuation**SPDT****DPDT****M7** Right Angle P.C. Mount, Vertical Actuation**SPDT****DPDT****3PDT**

## TERMINATION OPTIONS In inches (and millimeters)



## SPECIFICATIONS

### RATINGS

**Contact Rating:** Q option - 5A with resistive load @ 125 VAC or 28 VDC; 2A with resistive load @ 250 VAC. R option - 0.4 VA max @ 20 Vmax (AC or DC)

**Electrical Life:** 40,000 make-and-break cycles at full load

**Contact Resistance:** 10 milliohms max. initial @ 2-4 VDC, 100 mA

**Insulation Resistance:** 1,000 megaohms minimum

**Dielectric 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)

**Rockers:** Nylon (UL 94V-0)

**Bushing:** Stainless steel

**Switch Support:** Brass, tin-plated

**Terminal/Contacts:** Brass with silver or gold plate

**Terminal Seal:** Epoxy

## ORDERING INFORMATION



Series 47A Miniature Rocker and Paddle Switches

Model: SPDT: SP1, SP2, SP3, SP4, SP5

DPDT: DP1, DP2, DP3, DP4, DP5

3PDT: 3P1, 3P2, 3P3, 3P4, 3P5

4PDT: 4P1, 4P2, 4P3, 4P4, 4P5

(See Model options.)

Actuator: R1, R2, R3, R4, R5, R6, R7

J1, J2, J3, J4, J5, J6, J7, J8 (See actuator options.)

Termination Options: M1, M2, M3, M6, M7, S6, V2, V3, W1, W2, W3, W4

(See Termination options.)

RoHS Compliant

Contact: R = Brass alloy, gold plate over nickel plate

Q = Brass alloy, silver plated

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

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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