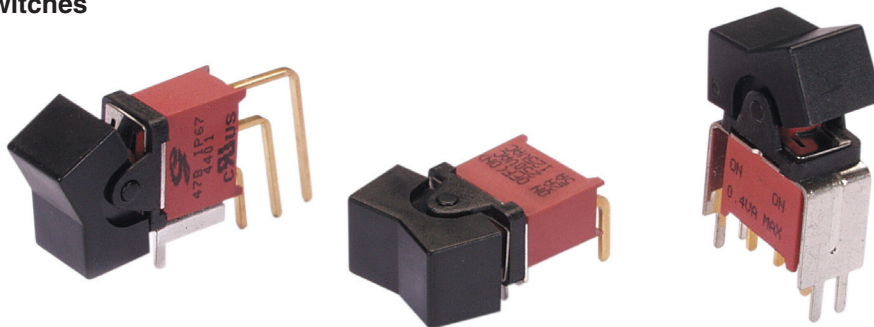


## SERIES 47B

### Sealed Miniature Rocker and Paddle Switches

#### FEATURES

- Save Space and Weight
- SPDT, DPDT and 3PDT Circuitry
- Choice of Actuators and Terminations
- Sealed per IP-67



#### MODELS in inches (and millimeters)

| MODEL NO.   | SWITCH 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  |

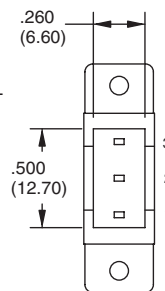
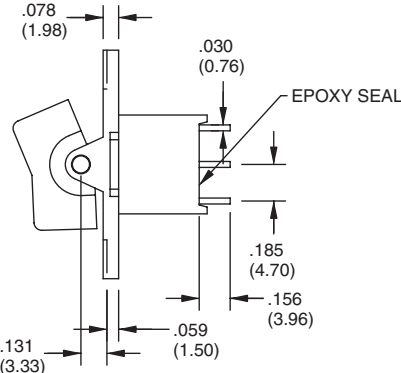
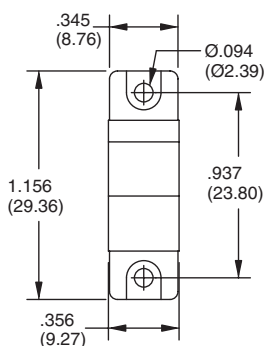
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02COMM.

SCHEMATIC



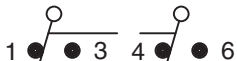
#### SPDT



| MODEL NO.   | SWITCH 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 |

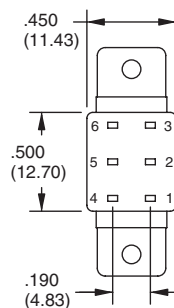
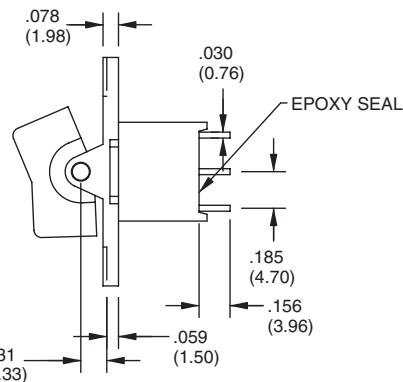
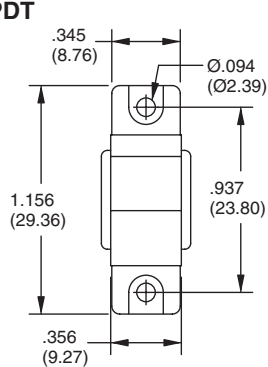
()=MOMENTARY

02COMM. 05COMM.



SCHEMATIC

#### DPDT



| MODEL NO.   | SWITCH 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 |

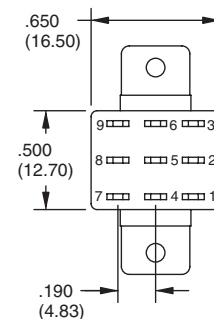
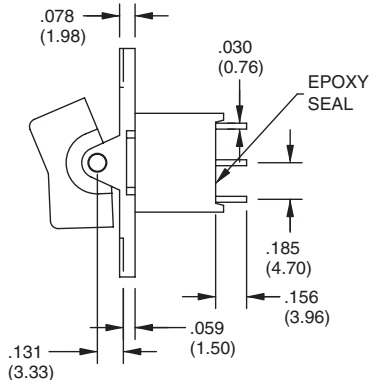
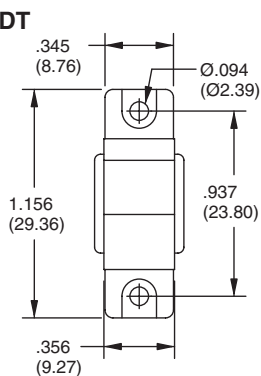
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02COMM. 05COMM. 08COMM.

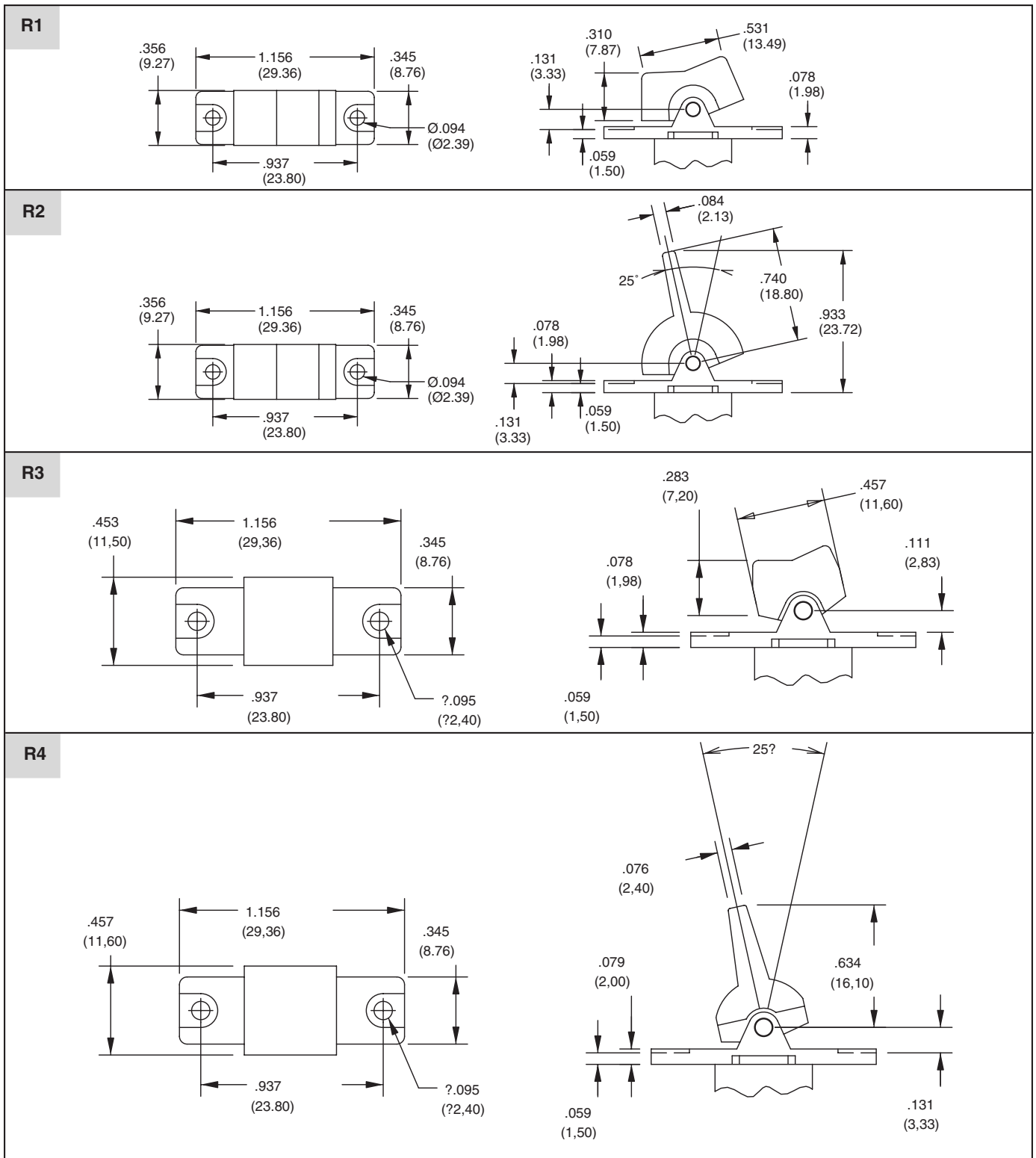


SCHEMATIC

#### 3PDT

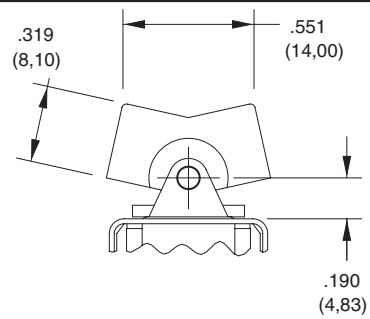
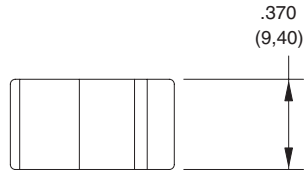


**ACTUATOR OPTIONS** in inches (and millimeters)

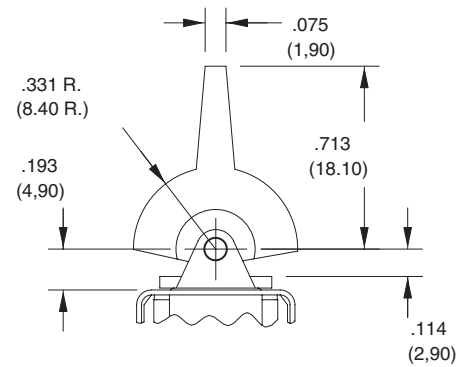


**ACTUATOR OPTIONS** in inches (and millimeters)

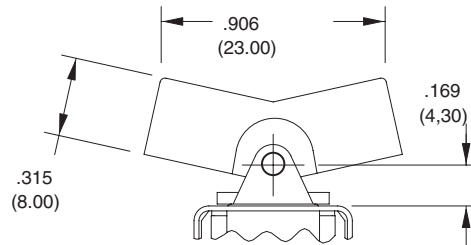
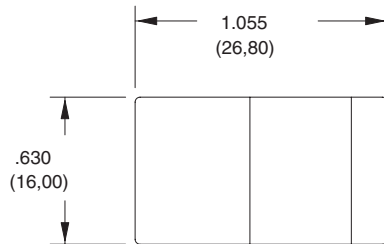
**J1**



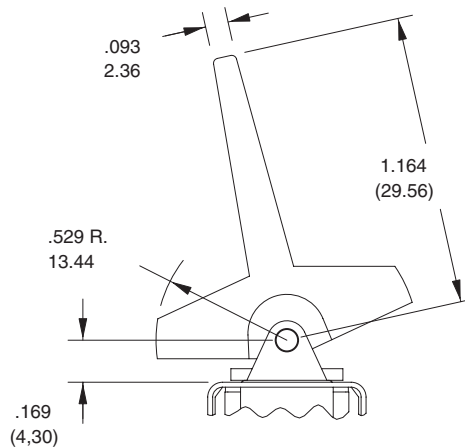
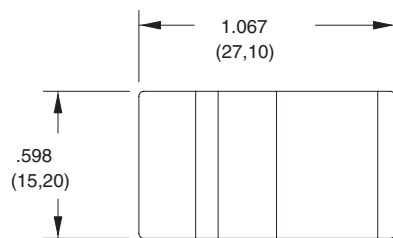
**J2**



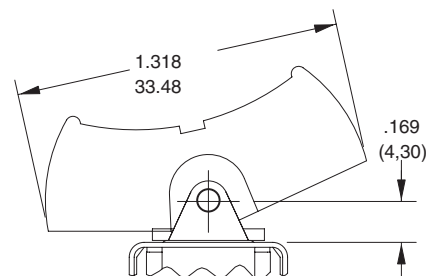
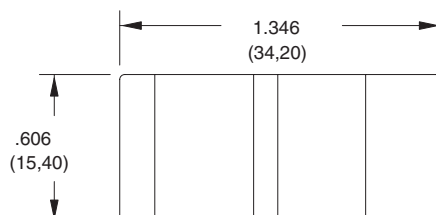
**J3**



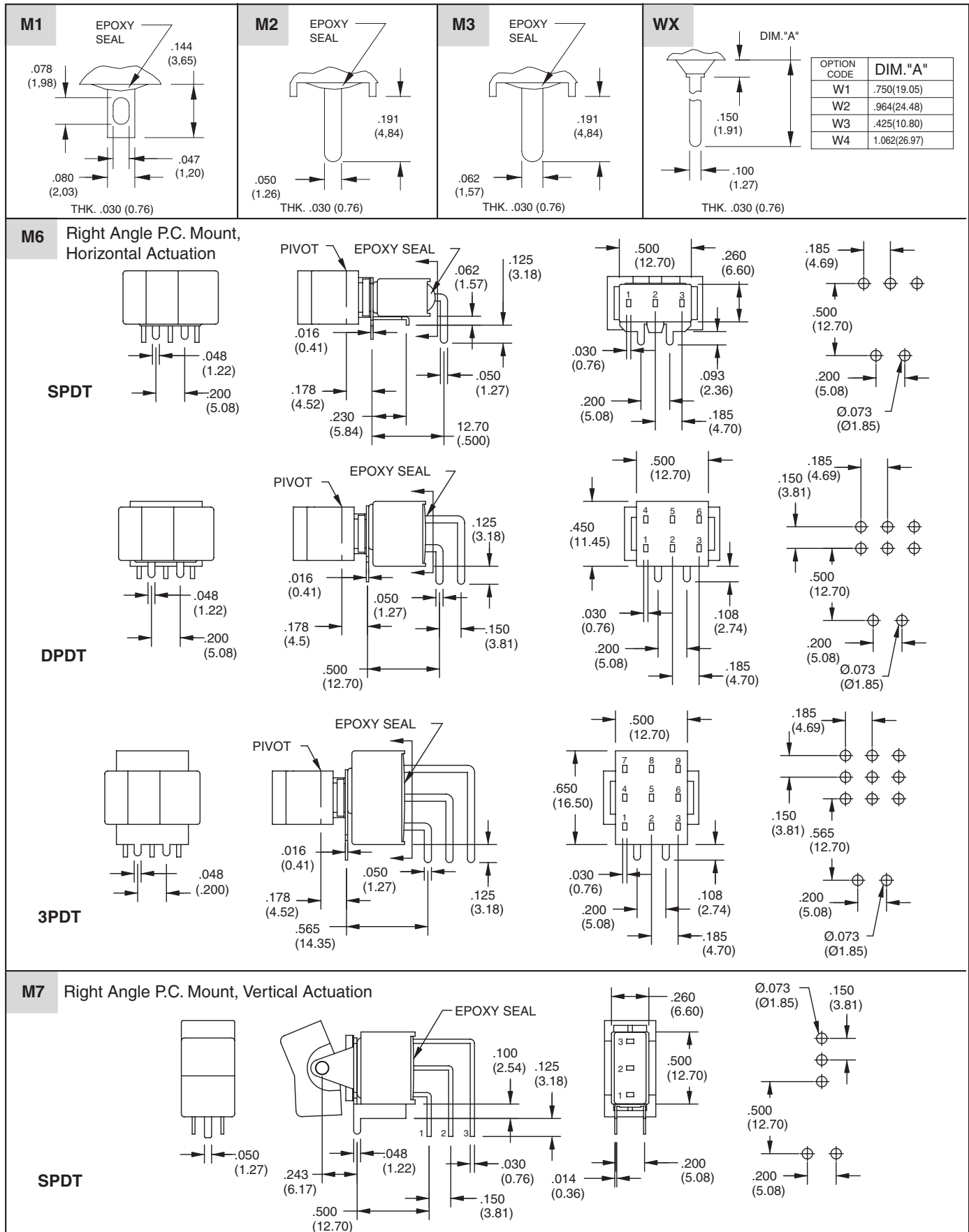
**J4**



**J5**

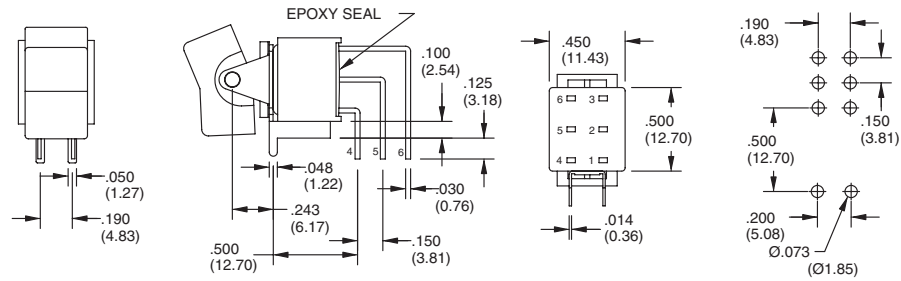


## TERMINATION OPTIONS in inches (and millimeters)

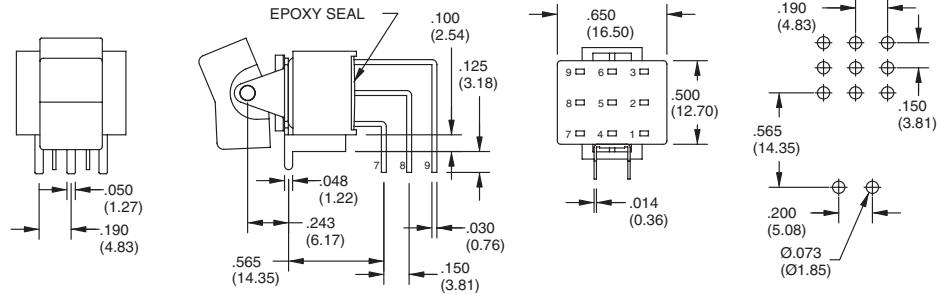


## TERMINATION OPTIONS in inches (and millimeters)

**DPDT**

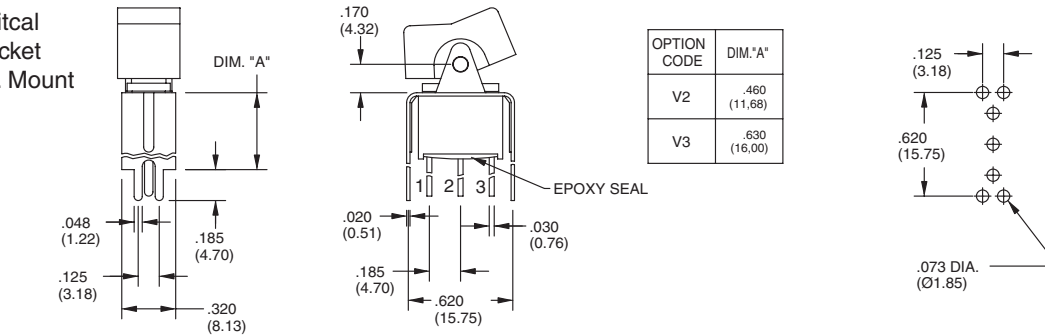


**3PDT**

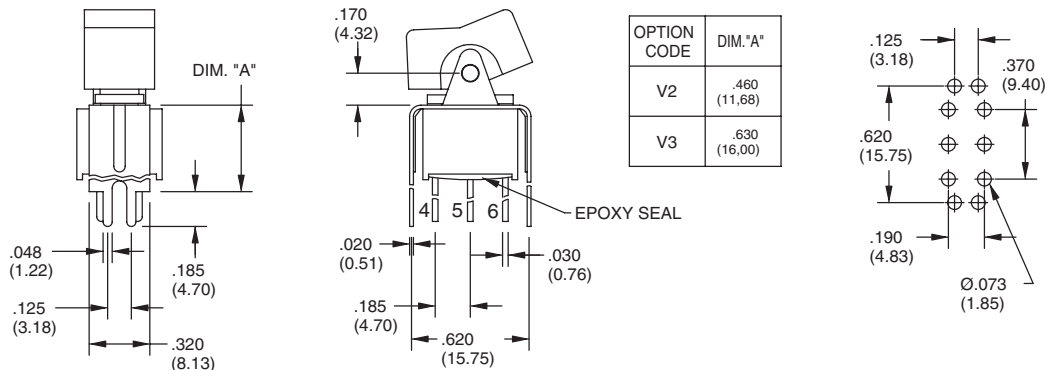


**V2-V3** Vertical Bracket P.C. Mount

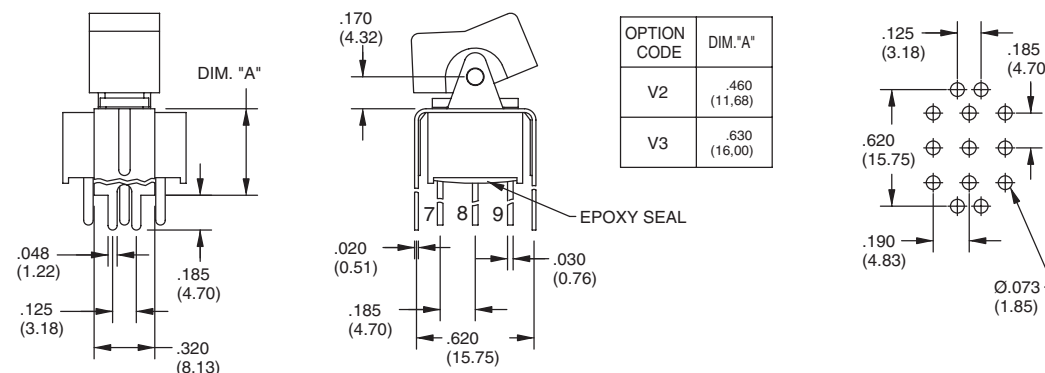
**SPDT**



**DPDT**



**3PDT**



## 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:** 50,000 make-and-break cycles at full load

**Contact Resistance:** Below 10 milliohms

max. initial @ 2-4 VDC, 100 mA

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

**Dielectric Strength:** 1,500 V RMS @ sea level

**Operating Temperature:** -30°C to 85°C

### MATERIALS

**Case and Bushing:** Glass-filled nylon 6/6, flame retardant, heat stabilized (UL94V-0)

**Actuator:** Nylon, black standard. Internal O-ring seal standard with all actuators.

**Frame:** Spring steel, black (standard)

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

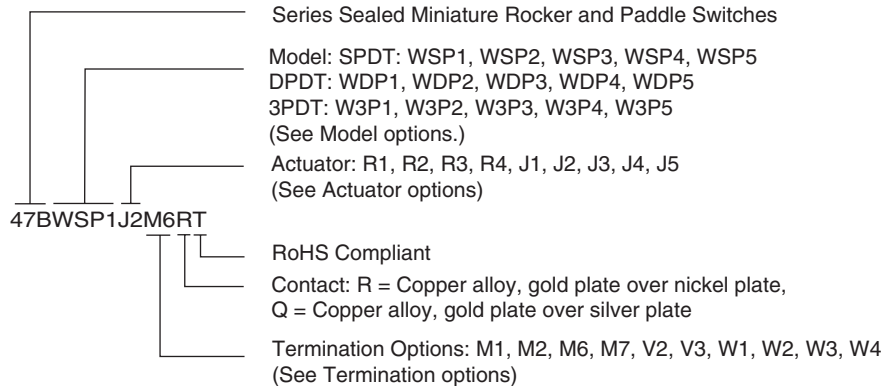
**Actuator Pivot & Mounting Bracket:** Nylon (UL 94V-0)

**Actuator Pivot Retainer:** Stainless Steel

**Terminal Seal:** Epoxy

**Terminal/Contacts:** Copper alloy with gold plate over nickel or silver plate

## ORDERING INFORMATION



**Available from your local Grayhill Component Distributor.**

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