

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)

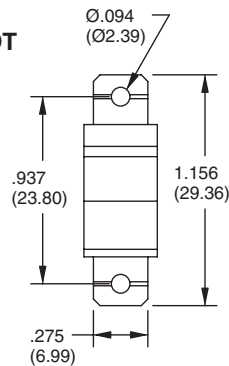
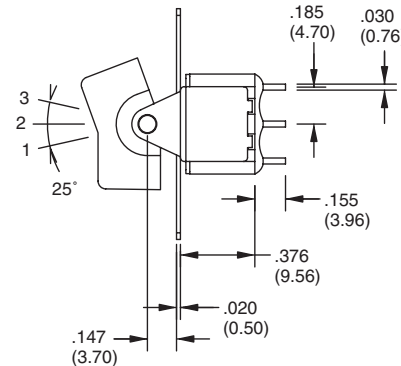
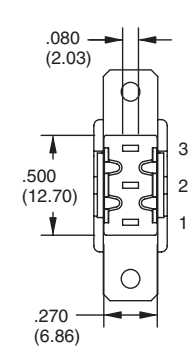
MODEL NO.	SWITCH POSITION		
			
SP1	ON	NONE	ON
SP2	ON	NONE	(ON)
SP3	ON	OFF	ON
SP4	(ON)	OFF	(ON)
SP5	ON	OFF	(ON)
TERM. COMM.	2-3	OPEN	2-1

()=MOMENTARY
02COMM.

SCHEMATIC

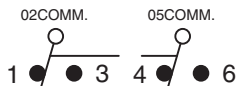


SPDT



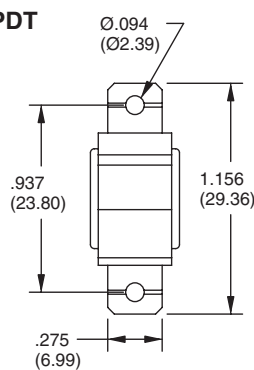
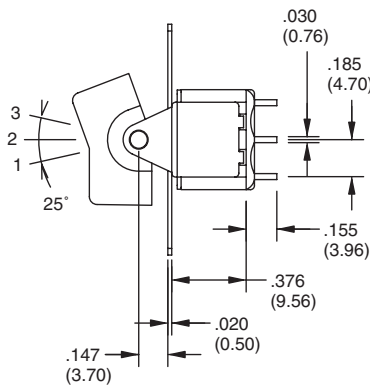
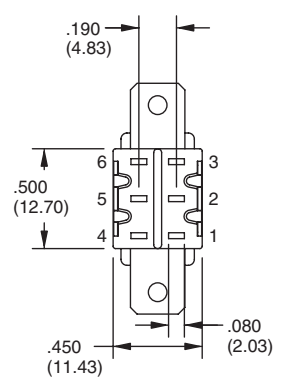
MODEL NO.	SWITCH POSITION		
			
DP1	ON	NONE	ON
DP2	ON	NONE	(ON)
DP3	ON	OFF	ON
DP4	(ON)	OFF	(ON)
DP5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY
02COMM. 05COMM.



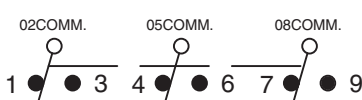
SCHEMATIC

DPDT



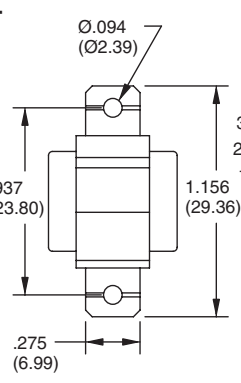
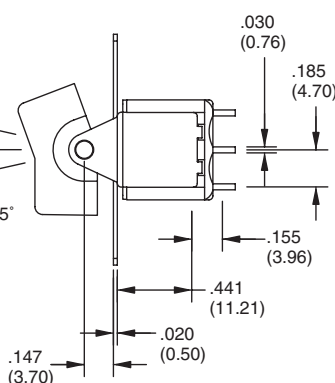
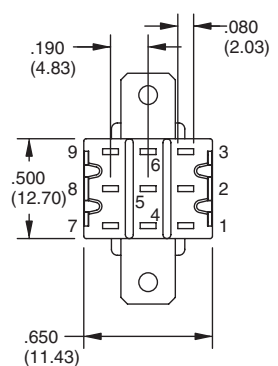
MODEL NO.	SWITCH POSITION		
			
3P1	ON	NONE	ON
3P2	ON	NONE	(ON)
3P3	ON	OFF	ON
3P4	(ON)	OFF	(ON)
3P5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY
02COMM. 05COMM. 08COMM.



SCHEMATIC

3PDT

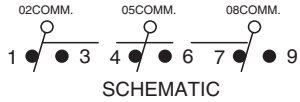
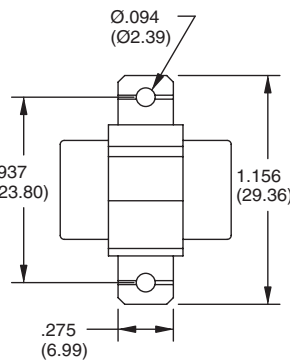
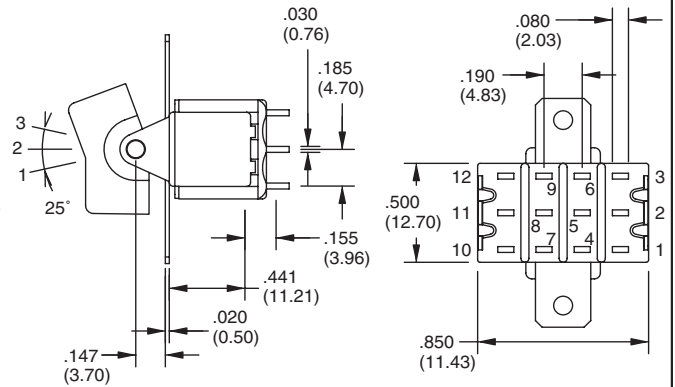


MODELS In inches (and millimeters)

4PDT

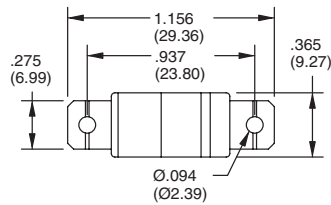
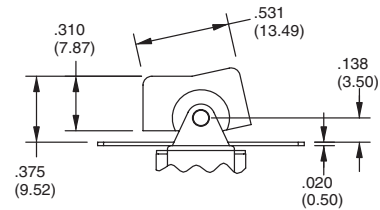
MODEL NO.	SWITCH POSITION		
4P1	ON	NONE	ON
4P2	ON	NONE	(ON)
4P3	ON	OFF	ON
4P4	(ON)	OFF	(ON)
4P5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY

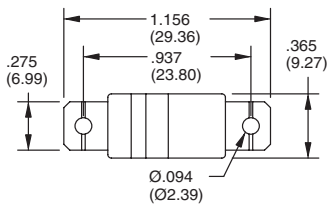
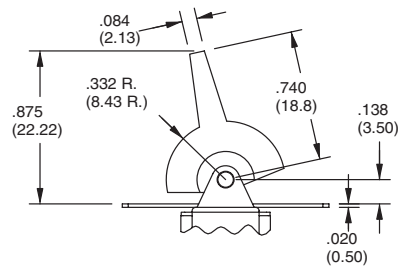


ACTUATOR OPTIONS: For Panel Mount Only In inches (and millimeters)

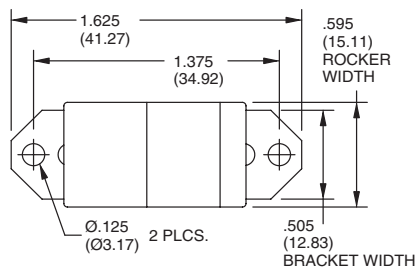
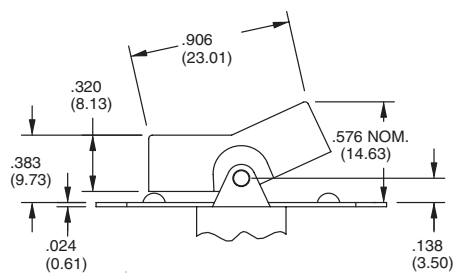
R1



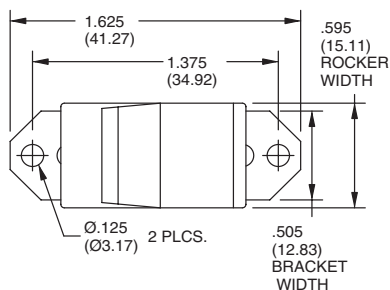
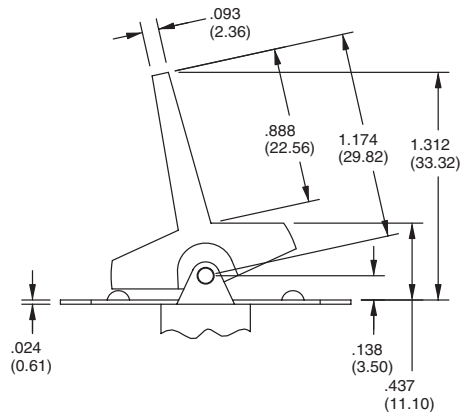
R2

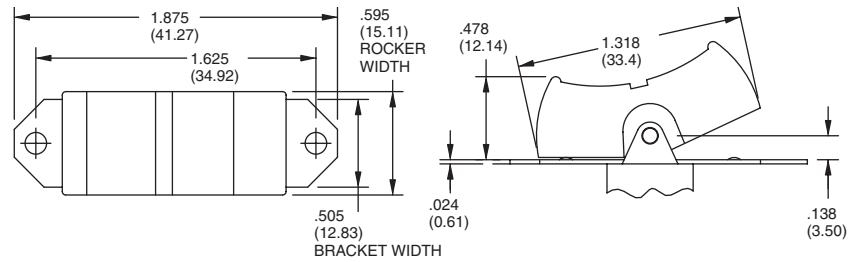
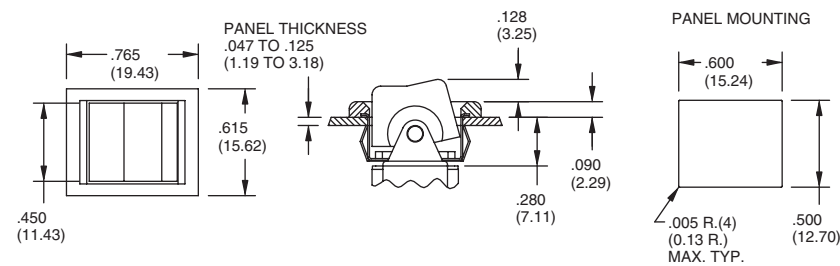
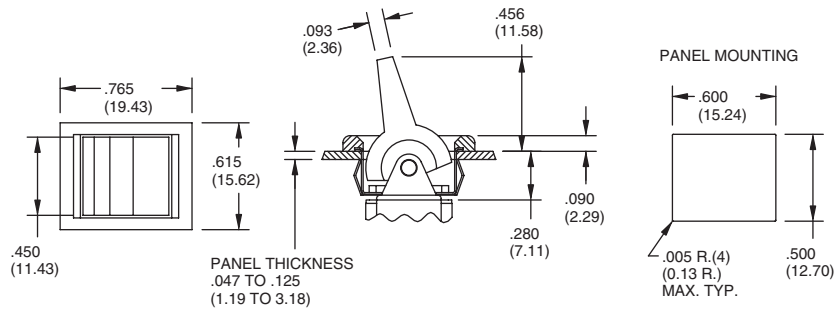
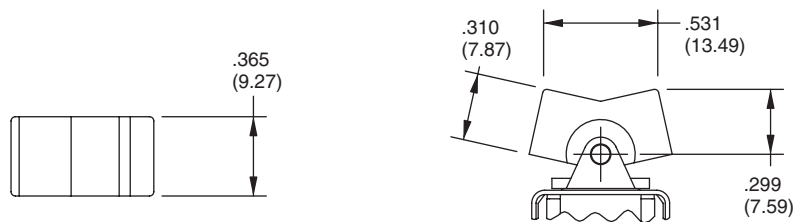
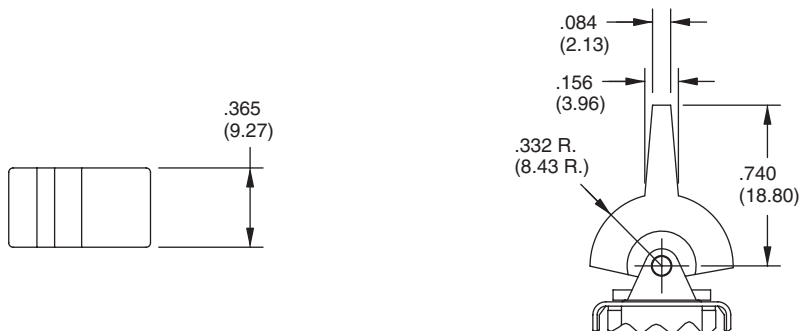


R3

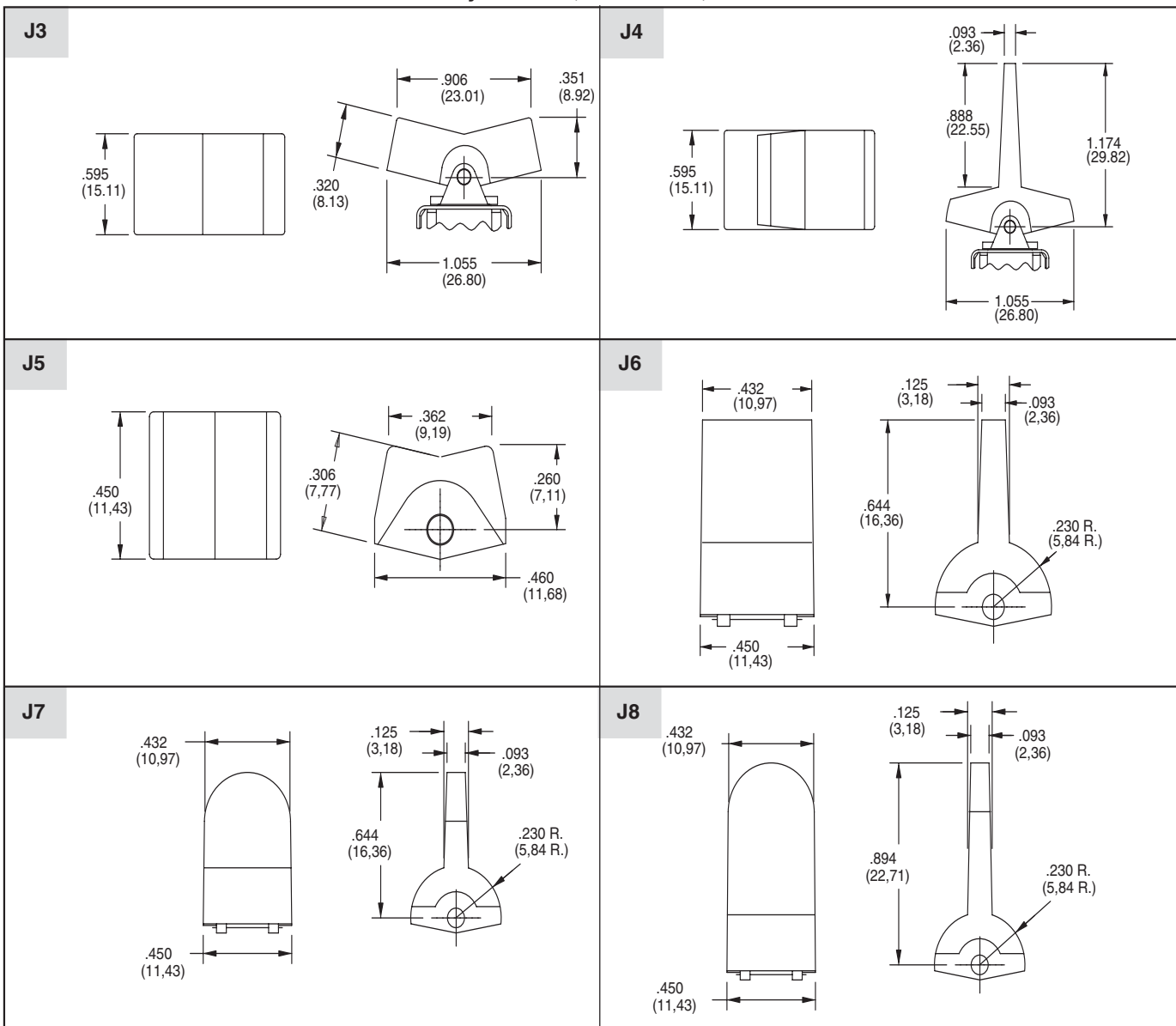


R4

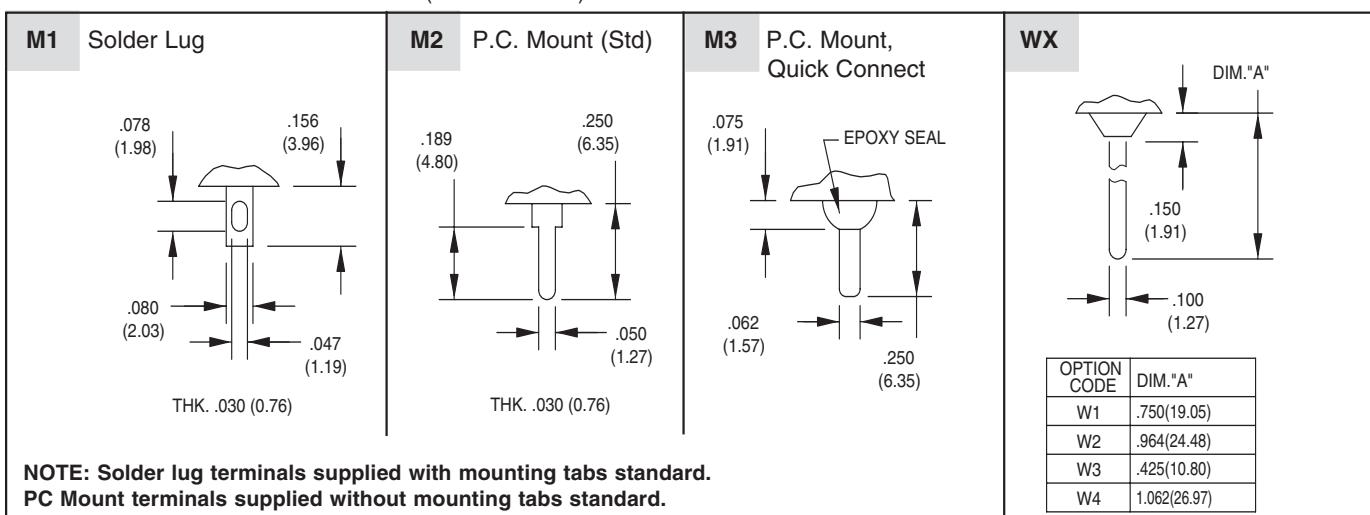


ACTUATOR OPTIONS: For Panel Rear Mount Only In inches (and millimeters)**R5****R6****R7****ACTUATOR OPTIONS: For P.C. Mount Only** In inches (and millimeters)**J1****J2**

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



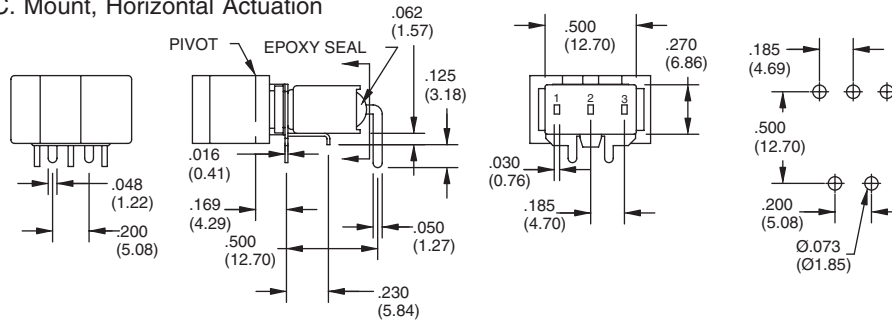
TERMINATION OPTIONS In inches (and millimeters)



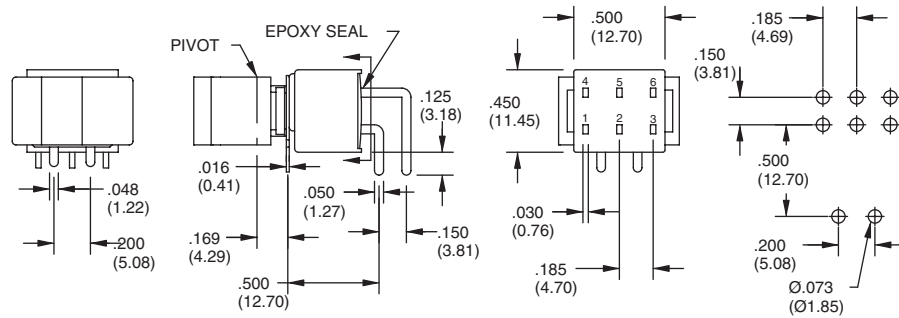
TERMINATION OPTIONS In inches (and millimeters)

M6 Right Angle P.C. Mount, Horizontal Actuation

SPDT

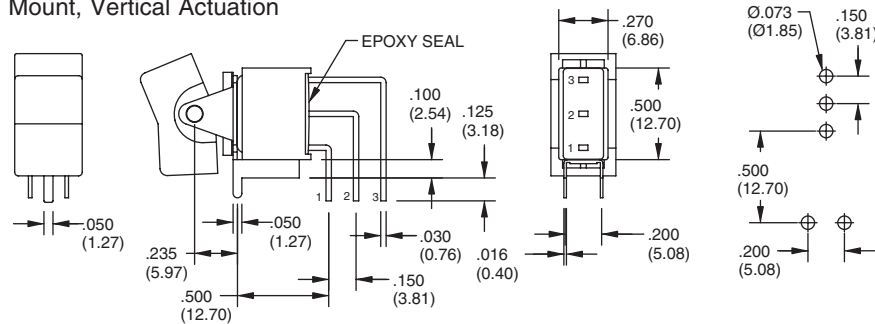


DPDT

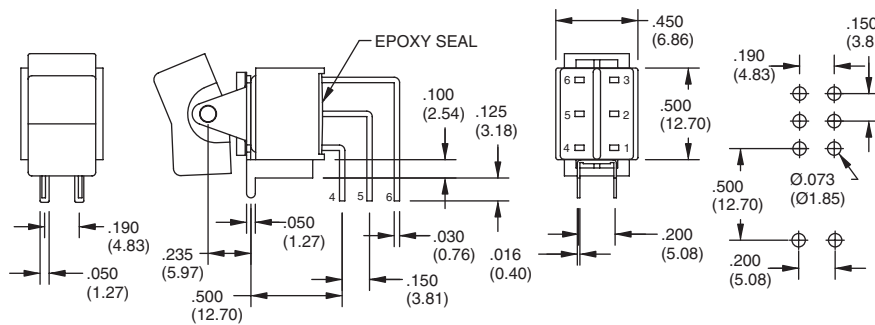


M7 Right Angle P.C. Mount, Vertical Actuation

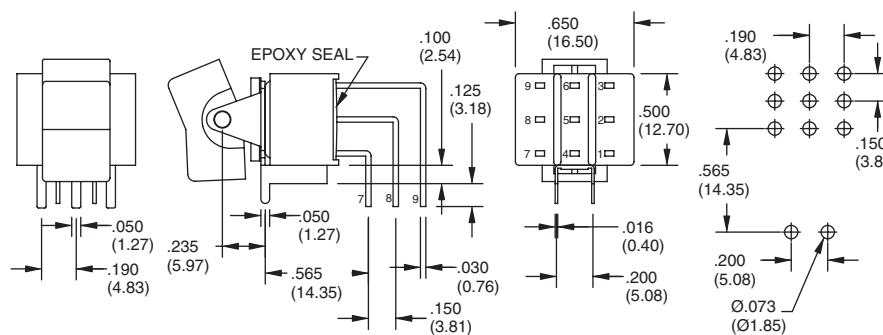
SPDT



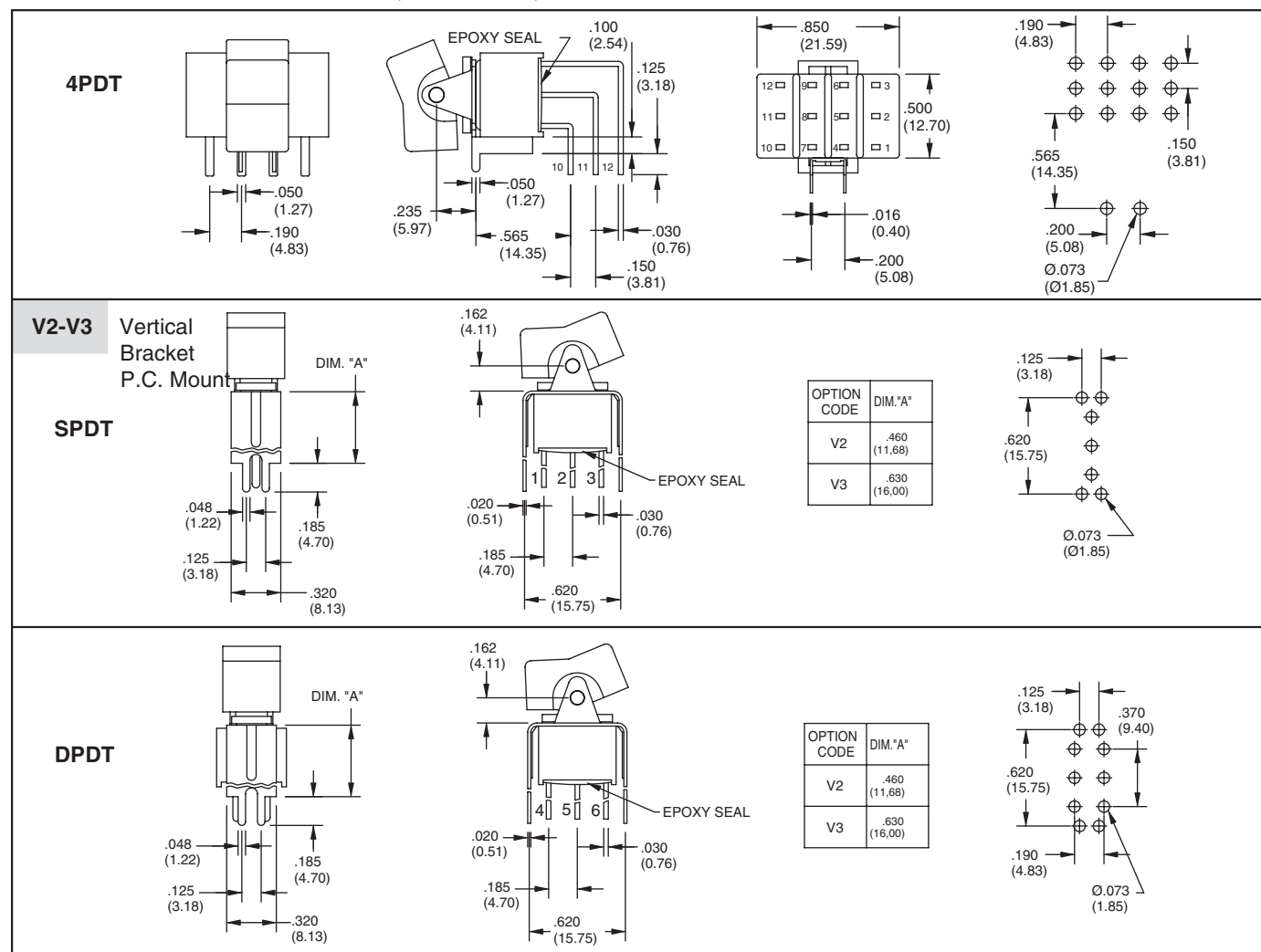
DPDT



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.