

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)

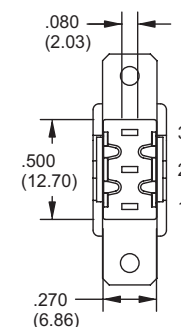
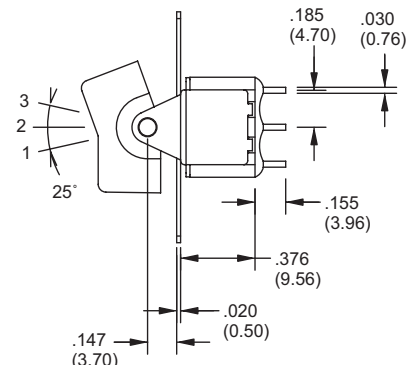
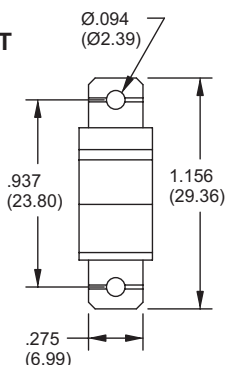
MODEL NO.	SWITCH POSITION		
SP1	ON	NONE	ON
SP2	ON	NONE	(ON)
SP3	ON	OFF	ON
SP4	(ON)	OFF	(ON)
SP5	ON	OFF	(ON)
TERM. COMM.	2-3	OPEN	2-1

()=MOMENTARY
02COMM.

SCHEMATIC



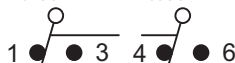
SPDT



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

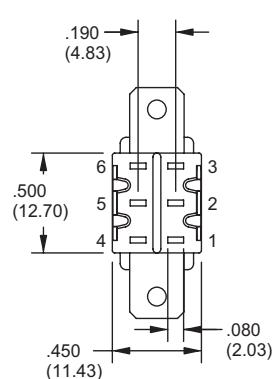
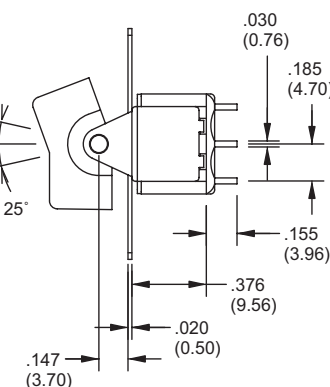
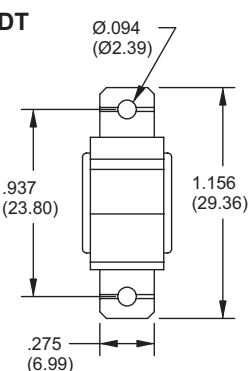
()=MOMENTARY

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

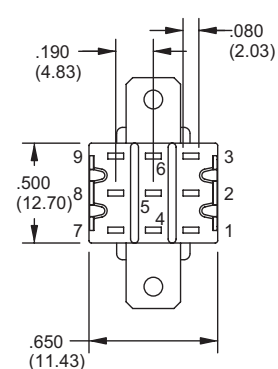
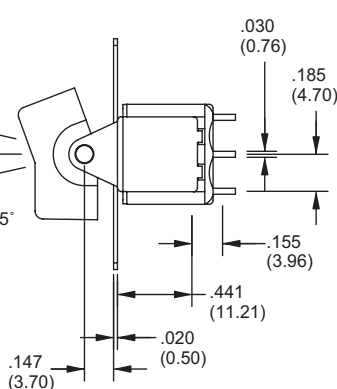
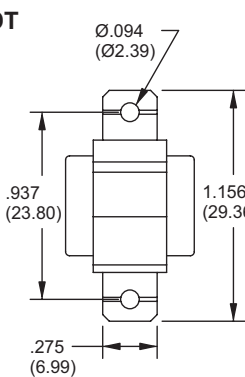
()=MOMENTARY

02COMM. 05COMM. 08COMM.

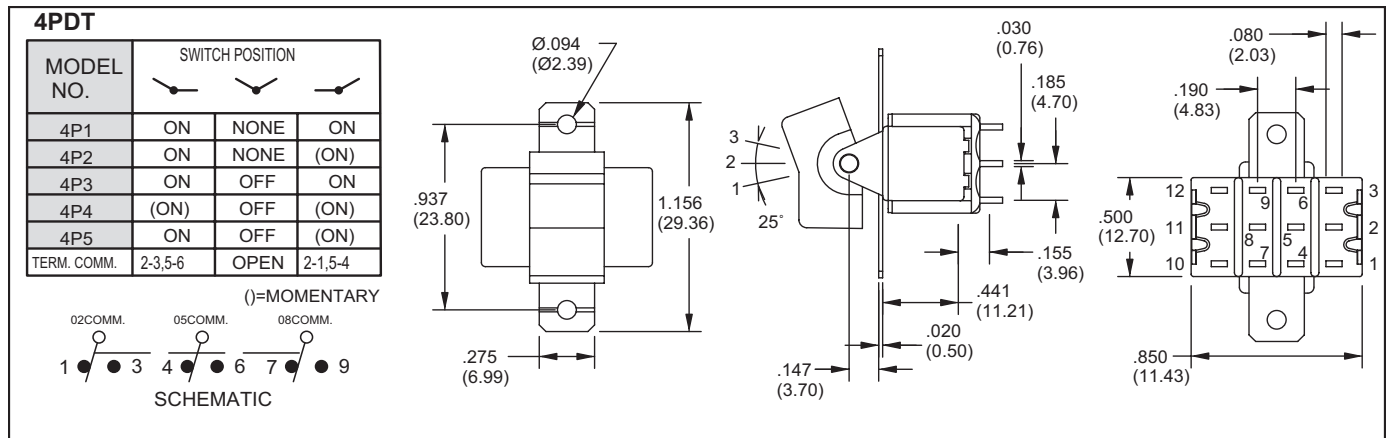


SCHEMATIC

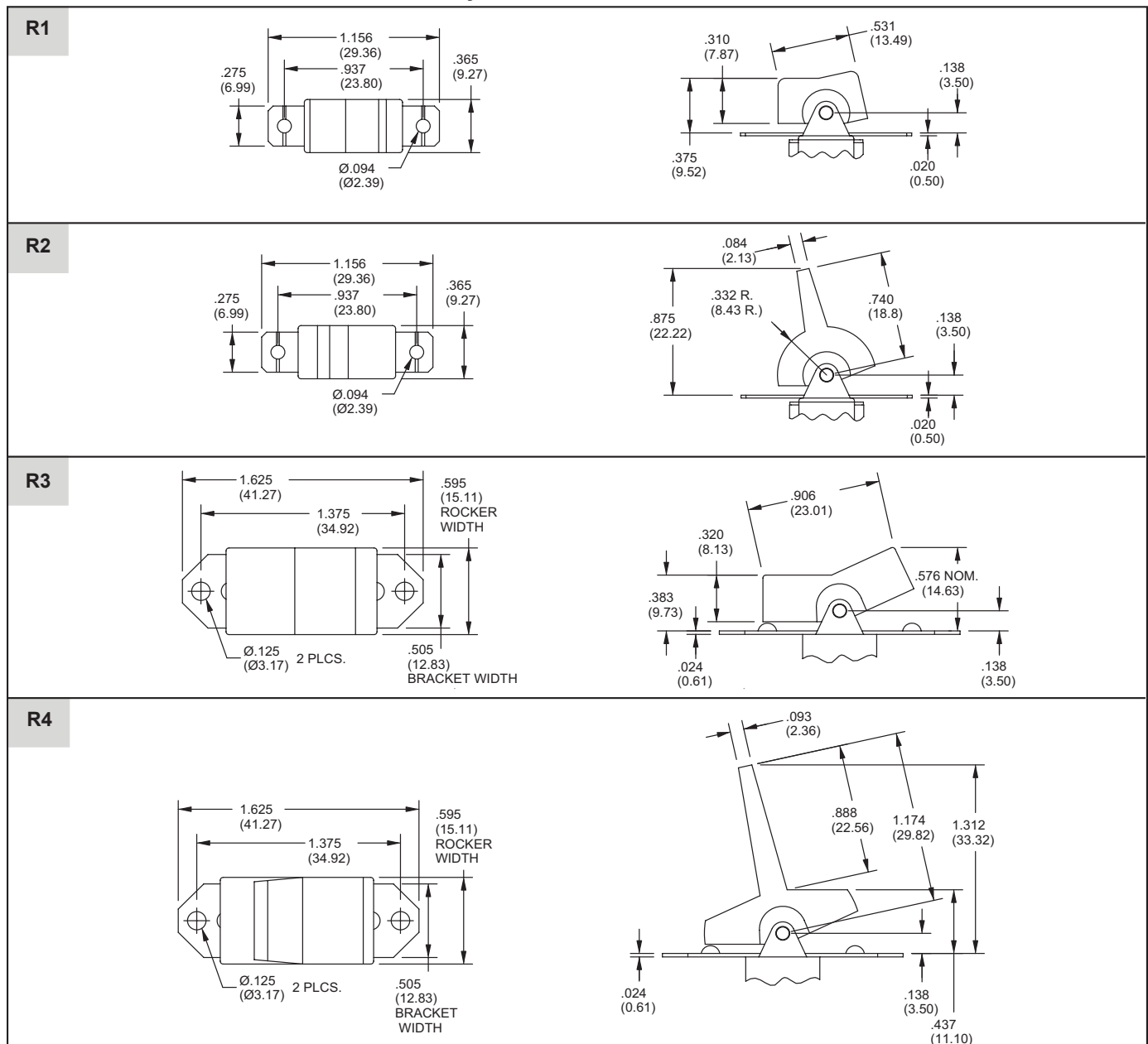
3PDT



MODELS in inches (and millimeters)

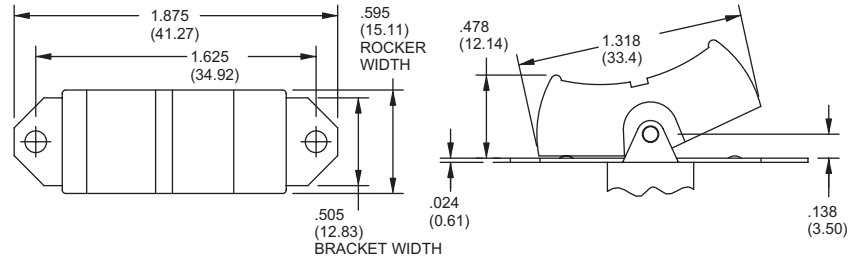


ACTUATOR OPTIONS: For Panel Mount Only in inches (and millimeters)

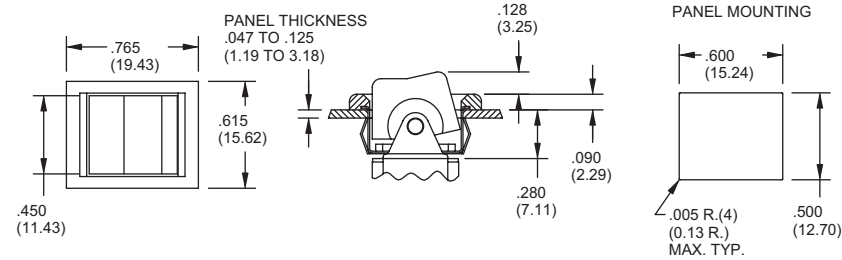


ACTUATOR OPTIONS: For Panel Rear Mount Only in inches (and millimeters)

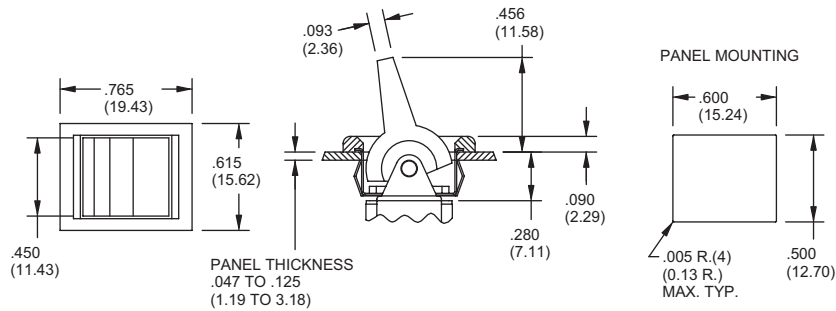
R5



R6

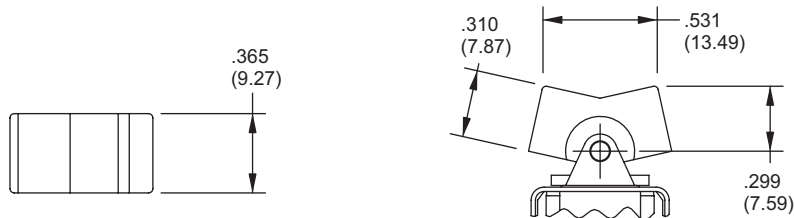


R7

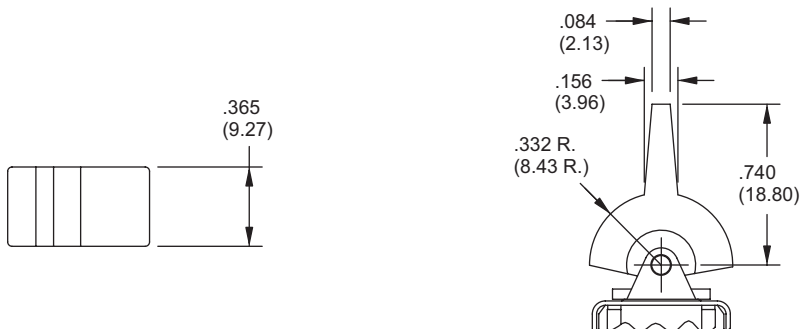


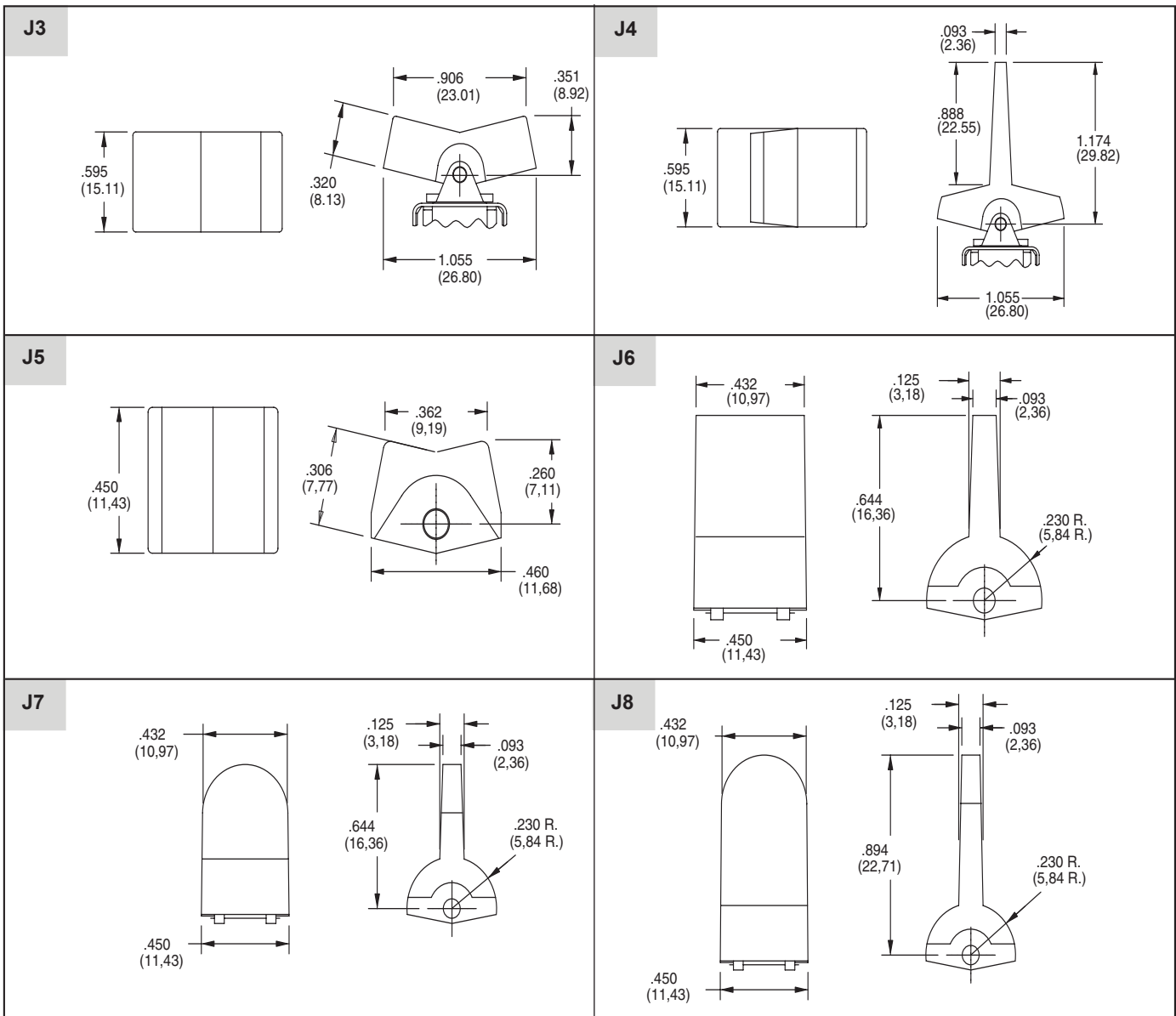
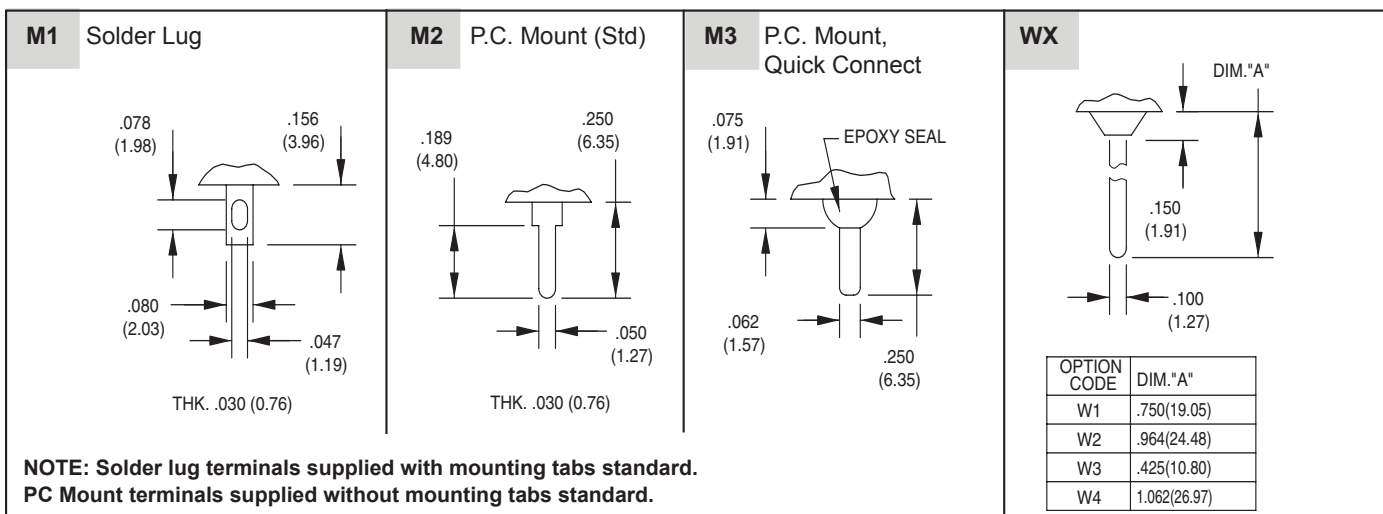
ACTUATOR OPTIONS: For P.C. Mount Only in inches (and millimeters)

J1



J2

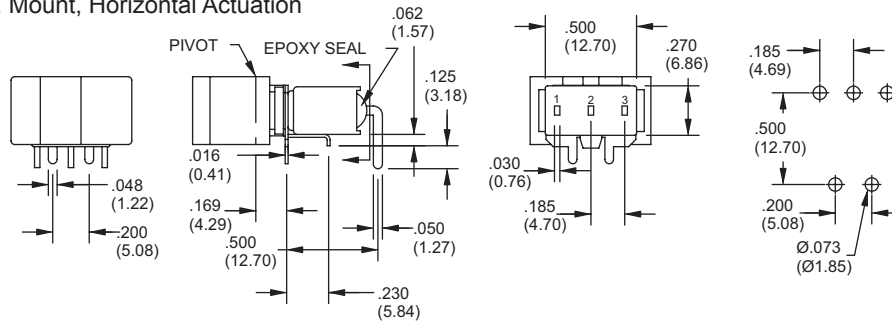


ACTUATOR OPTIONS: For P.C. Mount Only in inches (and millimeters)**TERMINATION OPTIONS** in inches (and millimeters)

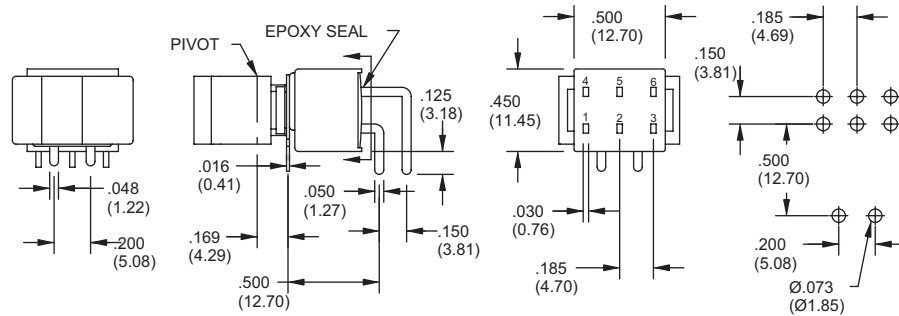
TERMINATION OPTIONS in inches (and millimeters)

M6 Right Angle P.C. Mount, Horizontal Actuation

SPDT

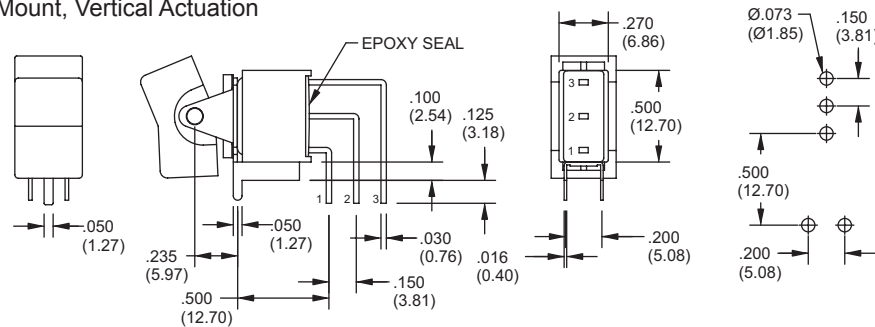


DPDT

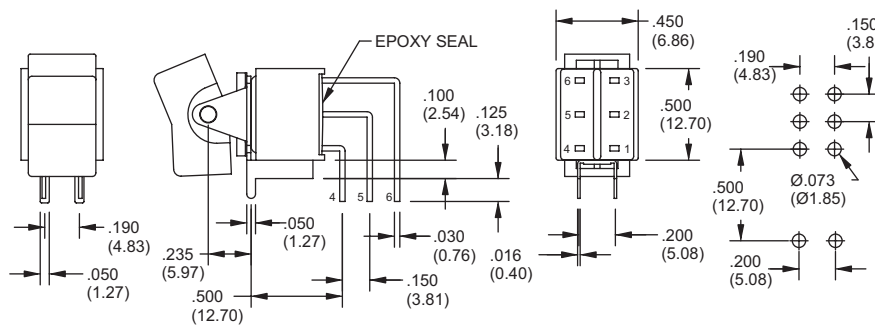


M7 Right Angle P.C. Mount, Vertical Actuation

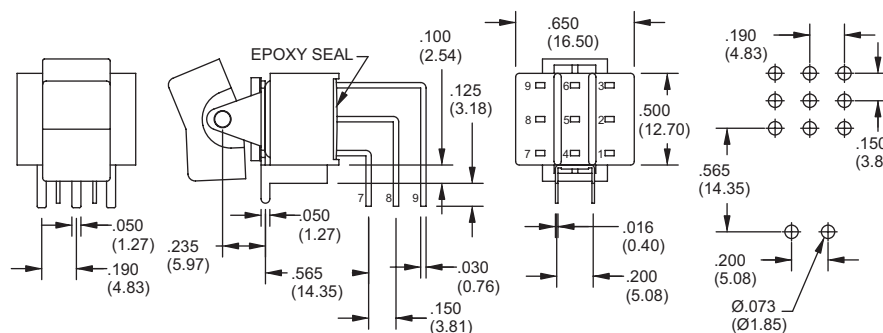
SPDT



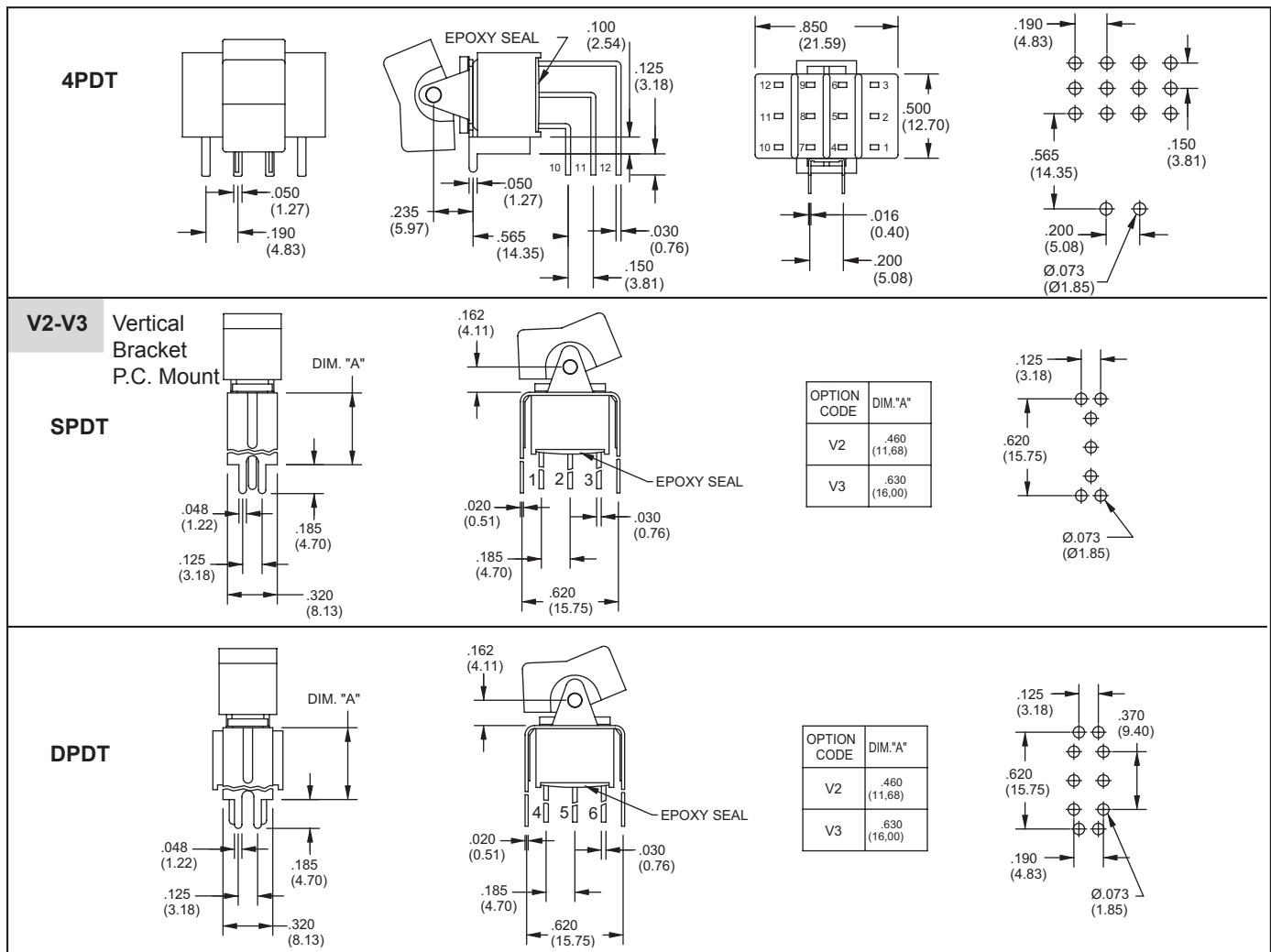
DPDT



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

Panel Mount	PC Board Mount
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 (See actuator options.) Termination Options: M1, M2, M3, W1, W2, W3, W4 (See Termination options.) RoHS Compliant Contact: R = Brass alloy, gold plate over nickel plate Q = Brass alloy, silver plated	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: J1, J2, J3, J4, J5, J6, J7, J8 (See actuator options.) Termination Options: M1, M2, M3, M6, M7, 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Grayhill:

[47ASP1J1M6RT](#) [47ADP4R2M1RT](#) [47ASP3J1M6RT](#) [47ADP1R6M1QT](#) [47ASP1J1M6QT](#) [47A4P5J4V2RT](#)
[47ADP1J1M7QT](#) [47ADP2J1M6QT](#) [47ASP1R1M7RT](#) [47ASP1R6M1QT](#) [47A3P1R1M7QT](#) [47A3P1R5M1RT](#)
[47A4P1J5M2RT](#) [47ASP1J1V3QT](#) [47ASP4R7M1QT](#) [47ASP3J3V2QT](#) [47A4P1R3M1QT](#) [47ADP1J1V2QT](#)
[47ASP3R1M2QT](#) [47ASP3R1M7QT](#) [47ASP2R1V2QT](#) [47A4P1J1M2RT](#) [47ASP5J1M6RT](#) [47ADP3R1M6QT](#)
[47ADP1R1V2QT](#) [47ASP1R1M2RT](#) [47ASP2R2M2RT](#) [47A3P1J1M2RT](#) [47ASP4R3M2RT](#) [47ADP4R6M1RT](#)
[47A4P3R6M3RT](#) [47ASP2R3V3QT](#) [47ASP4R6M1RT](#) [47ASP1R3V3QT](#) [47A3P1R3M2RT](#) [47ASP3R1M6RT](#)
[47ASP1J1M2QT](#) [47ASP3R1M2RT](#) [47ADP1J1M6QT](#) [47A3P1R3M2QT](#) [47ASP2J1V2QT](#) [47ASP1R1M7QT](#)
[47ASP3R1M1QT](#) [47ASP1J1M7RT](#) [47ASP4R6M1QT](#) [47ASP1J3V3QT](#) [47ADP1R1M1QT](#) [47A4P1J5M2QT](#)
[47ADP1R3M1QT](#) [47ADP4R1M1QT](#) [47ASP4R3V3QT](#) [47ASP3R1M1RT](#) [47ASP1R3M1QT](#) [47ADP1R1M7QT](#)
[47ADP3R1M1RT](#) [47ASP1R6M1RT](#) [47ASP2J1M6RT](#) [47ASP3R5M1QT](#) [47ADP1R3M2RT](#) [47A4P1R6M1QT](#)
[47A3P1J1M7QT](#) [47ASP1R1M1QT](#) [47ADP1J1M6RT](#) [47ASP1J2M6QT](#) [47BWSP4J1M6RT](#) [47BWDP1J1V3RT](#)
[47BWSP5J3V2QT](#)