

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)

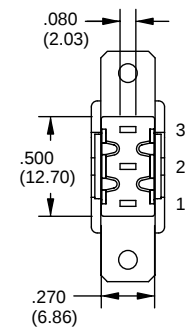
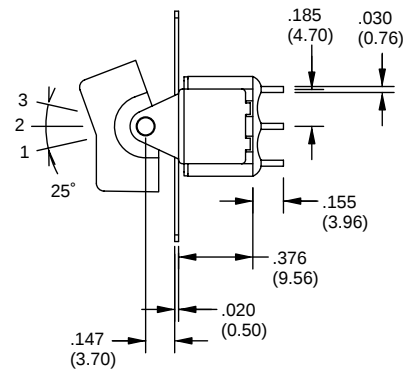
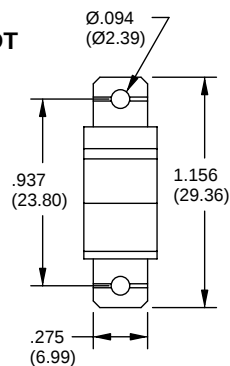
MODEL NO.	SWITCH POSITION		
SP1	ON	NONE	ON
SP2	ON	NONE	(ON)
SP3	ON	OFF	ON
SP4	(ON)	OFF	(ON)
SP5	ON	OFF	(ON)
TERM. COMM.	2-3	OPEN	2-1

()=MOMENTARY
02COMM.

SCHEMATIC

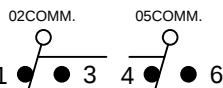


SPDT



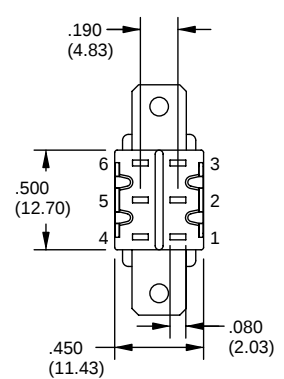
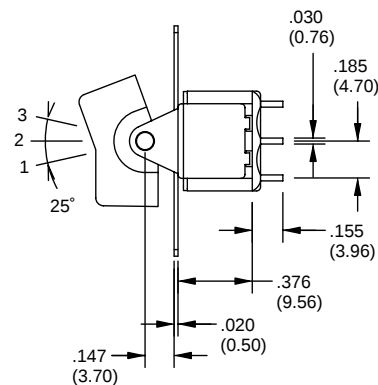
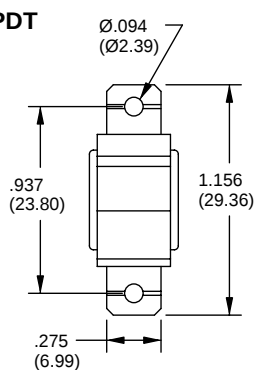
MODEL NO.	SWITCH POSITION		
DP1	ON	NONE	ON
DP2	ON	NONE	(ON)
DP3	ON	OFF	ON
DP4	(ON)	OFF	(ON)
DP5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY



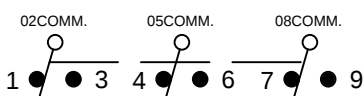
SCHEMATIC

DPDT



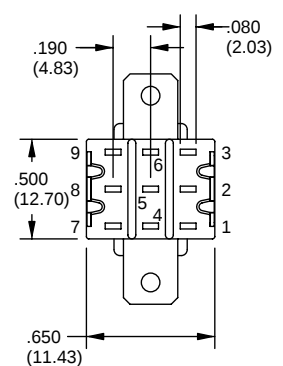
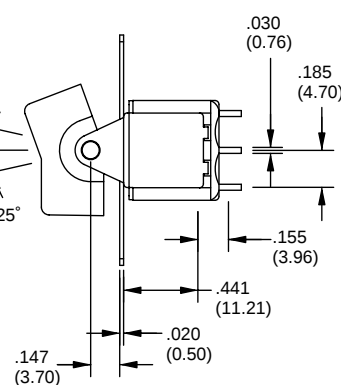
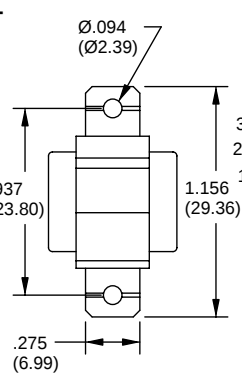
MODEL NO.	SWITCH POSITION		
3P1	ON	NONE	ON
3P2	ON	NONE	(ON)
3P3	ON	OFF	ON
3P4	(ON)	OFF	(ON)
3P5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY

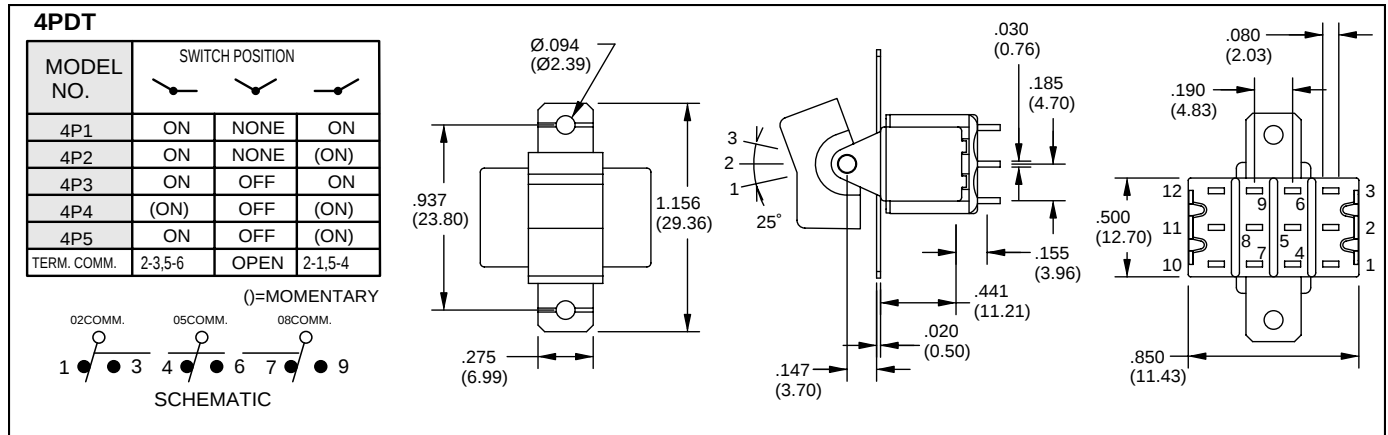


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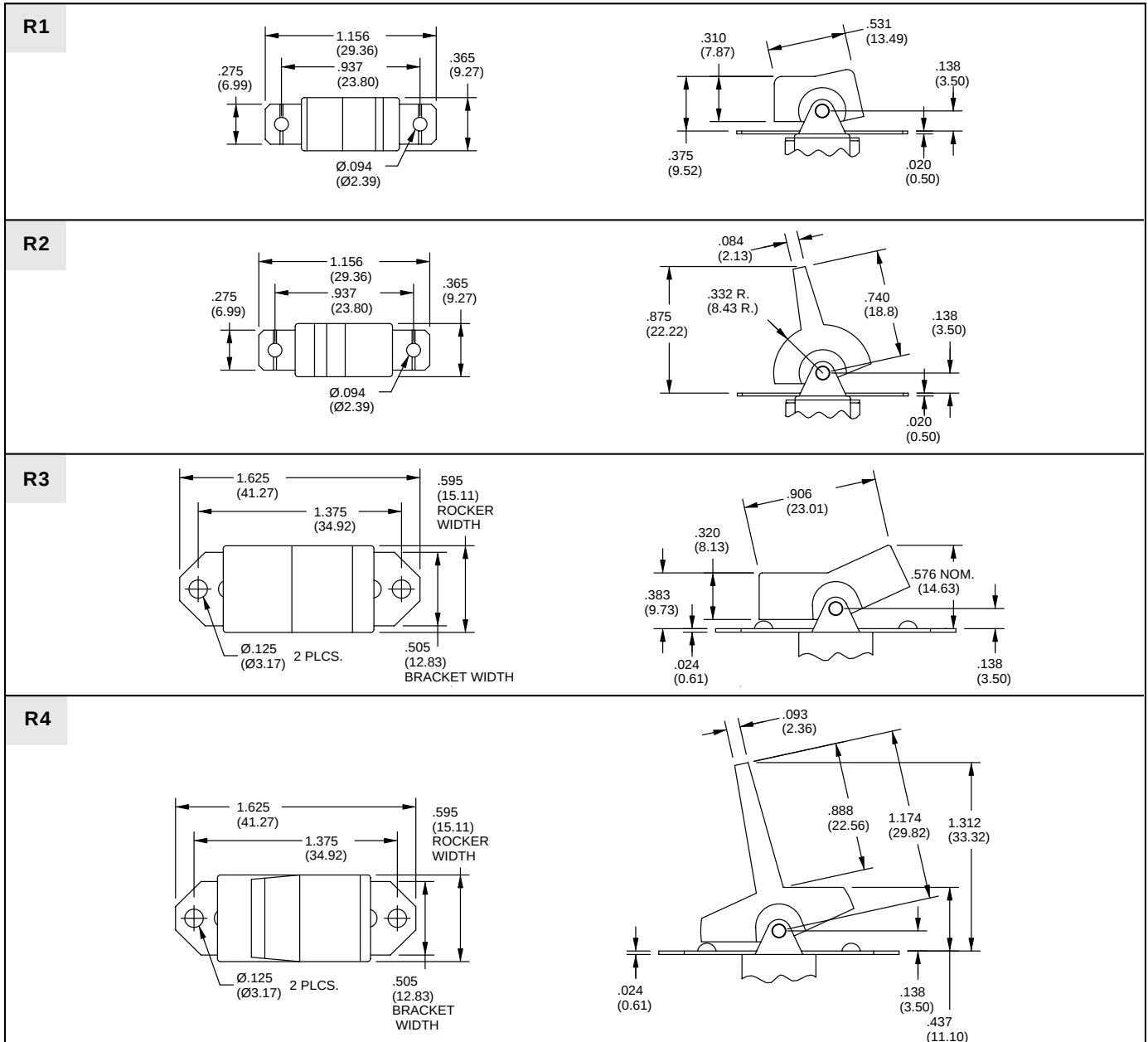
3PDT

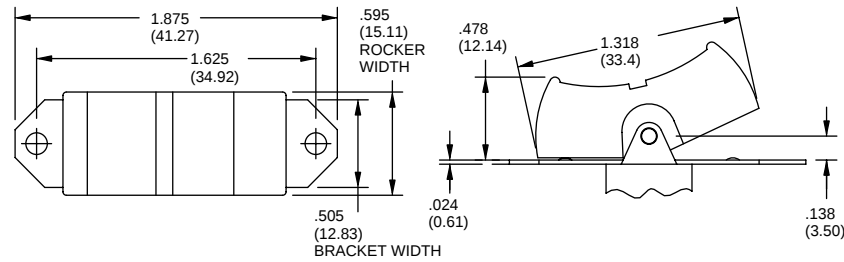
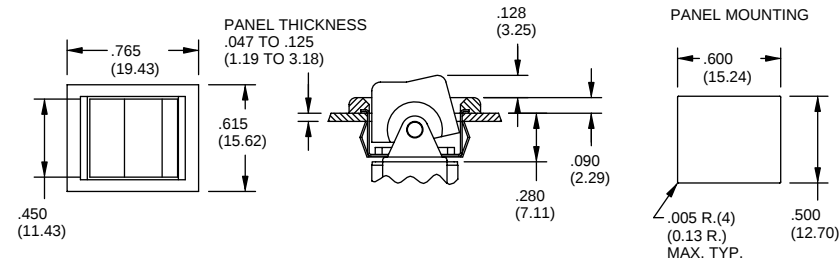
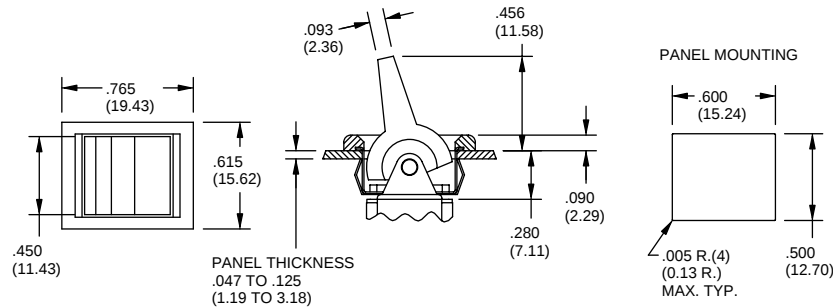
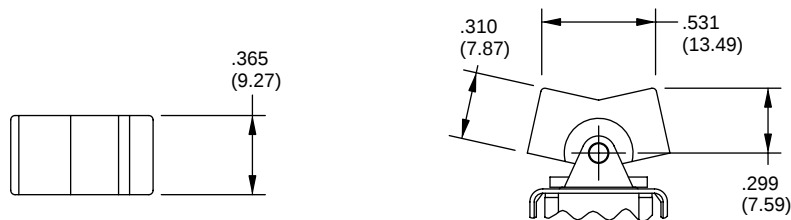
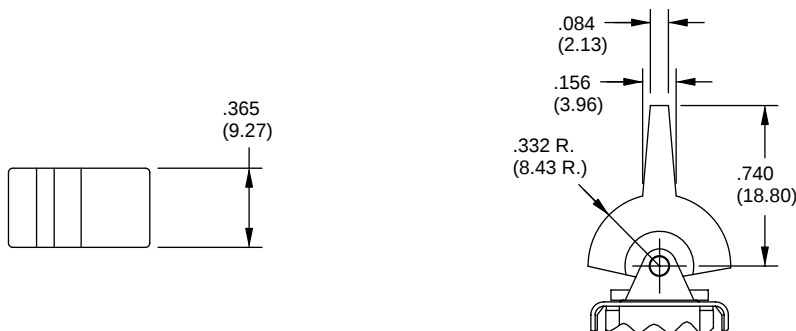


MODELS In inches (and millimeters)



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)**R1****R2**

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

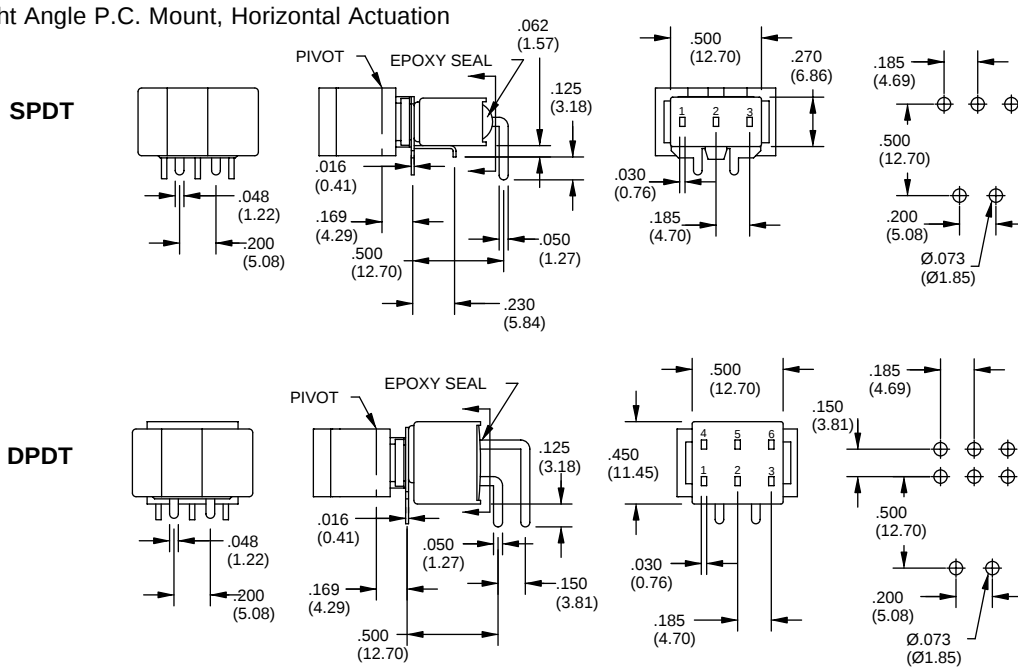
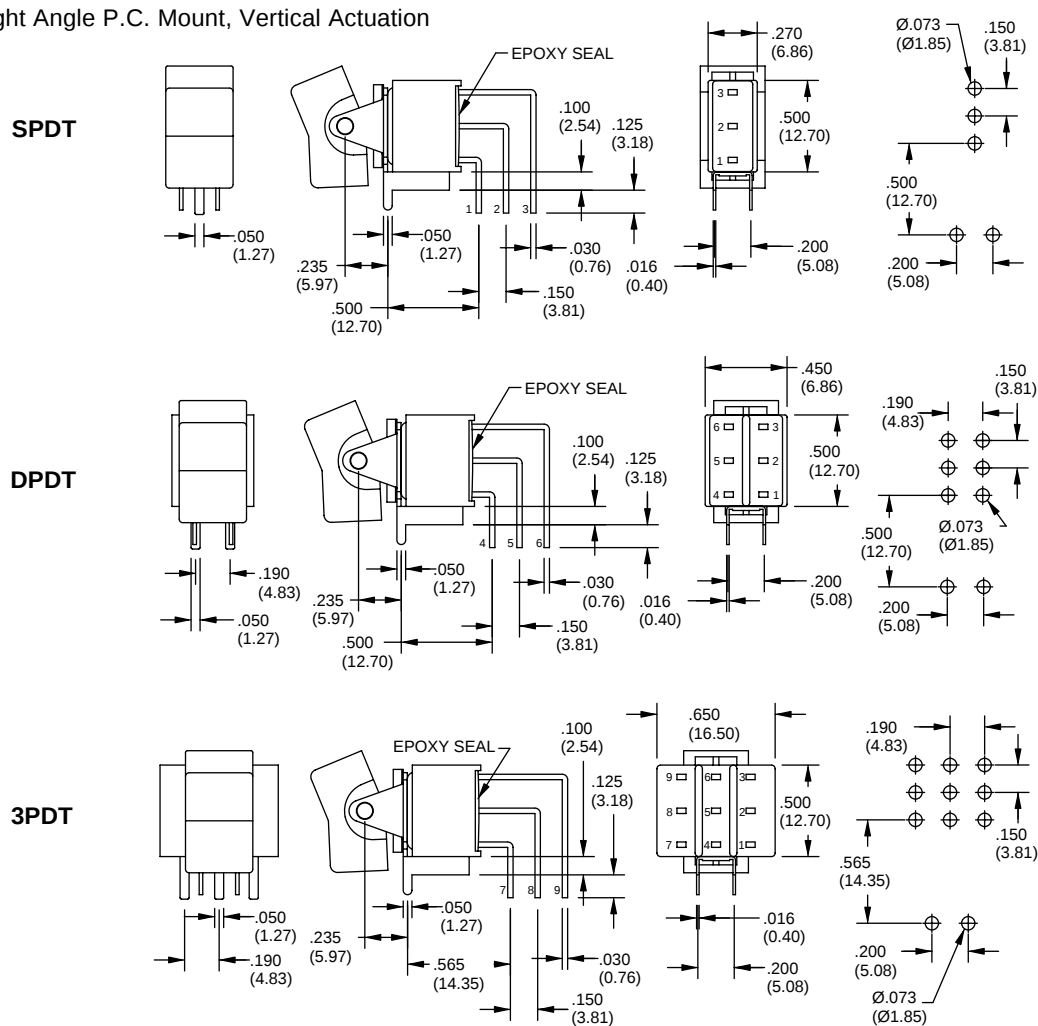
R3	Side view dimensions: .595 (15.11) Front view dimensions: .906 (23.01), .351 (8.92), .320 (8.13), 1.055 (26.80)
R4	Side view dimensions: .595 (15.11) Front view dimensions: .093 (2.36), .888 (22.55), 1.174 (29.82), 1.055 (26.80)
R5	Side view dimensions: .595 (15.11) Front view dimensions: .478 (12.14), 1.318 (33.48)

TERMINATION OPTIONS In inches (and millimeters)

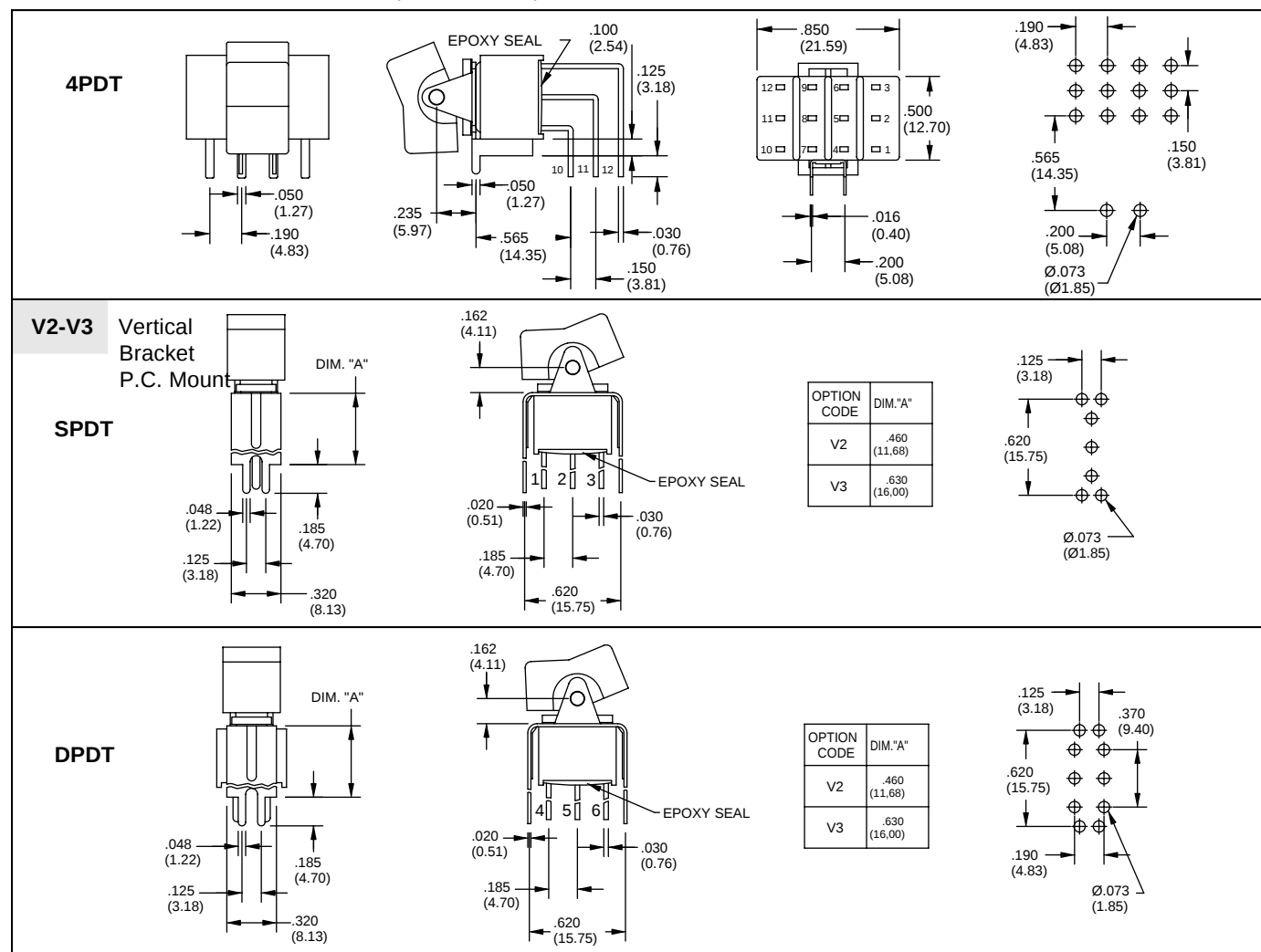
M1 Solder Lug Dimensions: .078 (1.98), .156 (3.96), .047 (1.19), .080 (2.03), THK. .030 (0.76)	M2 P.C. Mount (Std) Dimensions: .189 (4.80), .250 (6.35), .050 (1.27), THK. .030 (0.76)	M3 P.C. Mount, Quick Connect Dimensions: .075 (1.91), .250 (6.35), .062 (1.57), EPOXY SEAL
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NOTE: 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

M7 Right Angle P.C. Mount, Vertical Actuation


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: 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

Dielectric Strength: 1,000 V RMS @ sea level

Operating Temperature: -30°C to 85°C

MATERIALS

Case: Diallyl phthalate (DAP) (UL 94V-0)

Rockers: Nylon (UL 94V-0)

Bushing: Stainless steel

Terminal/Switch Support: 3/4 Brass, electrotin plated

Terminal Seal: Epoxy

ORDERING INFORMATION

SERIES	MODEL NO.	ACTUATOR	TERMINATION	CONTACT	SEAL
47A	SP1	R2	M6	R	E
47A = Miniature Rocker and Paddle Switches	Options: SP1, SP2, SP3, SP4, SP5, DP1, DP2, DP3, DP4, DP5, 3P1, 3P2, 3P3, 3P4, 3P5, 4P1, 4P2, 4P3, 4P4, 4P5 (see models for switching positions)	Options: R1, R2, R3, R4, R5, R6, R7 (see actuator options)	Options: M1, M2, M3, M6, M7, V2, V3 (see termination options)	R = Copper alloy, gold plate over nickel plate. Q = Copper alloy, silver plated	E = Epoxy seal
Example Part Number: 47ASP1R2M6RE					
Available from your local Grayhill Component Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.					