SERIES 47A

Miniature Rocker and Paddle Switches

FEATURES

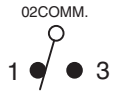
- Save Space and Weight
- SPDT, DPDT, 3PDT and 4PDT Circuitry
- Choice of Actuators and Terminations
- UL Recoginized

MODELS In inches (and millimeters)

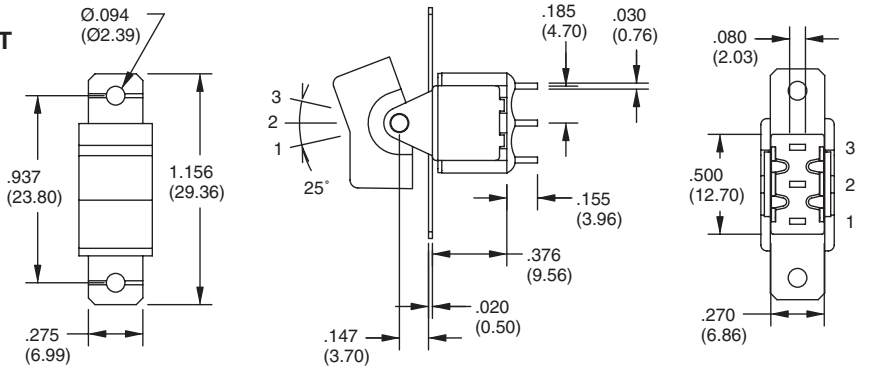
MODEL NO.	SWITCH POSITION		
SP1	ON	NONE	ON
SP2	ON	NONE	(ON)
SP3	ON	OFF	ON
SP4	(ON)	OFF	(ON)
SP5	ON	OFF	(ON)
TERM. COMM.	2-3	OPEN	2-1

()=MOMENTARY

SCHEMATIC

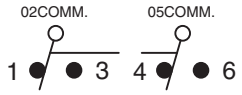


SPDT



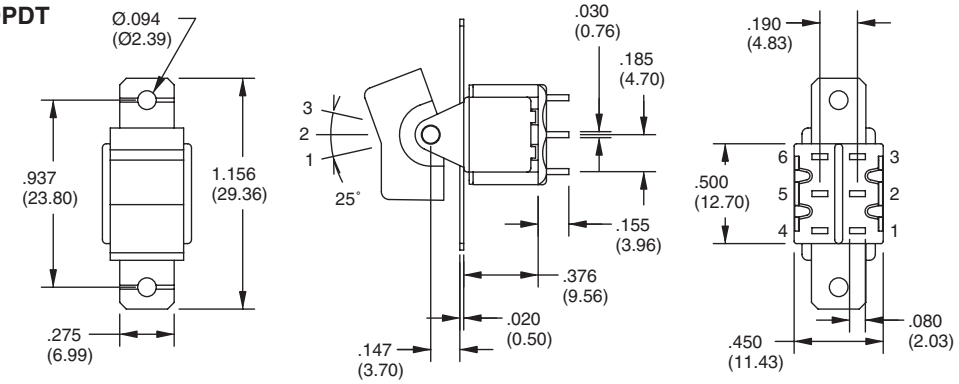
MODEL NO.	SWITCH POSITION		
DP1	ON	NONE	ON
DP2	ON	NONE	(ON)
DP3	ON	OFF	ON
DP4	(ON)	OFF	(ON)
DP5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY



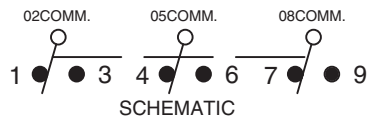
SCHEMATIC

DPDT



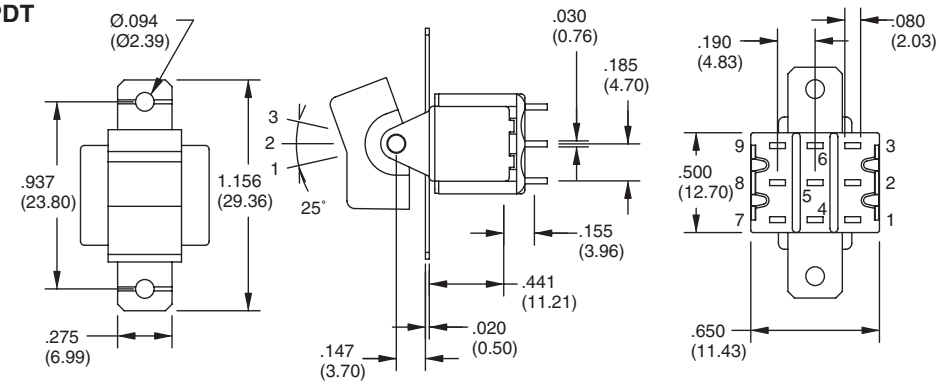
MODEL NO.	SWITCH POSITION		
3P1	ON	NONE	ON
3P2	ON	NONE	(ON)
3P3	ON	OFF	ON
3P4	(ON)	OFF	(ON)
3P5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY



SCHEMATIC

3PDT

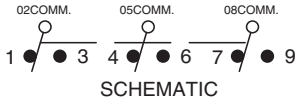


MODELS In inches (and millimeters)

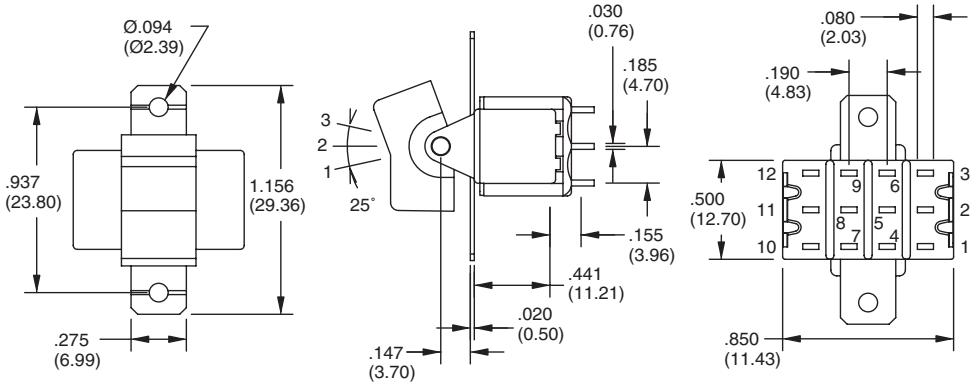
4PDT

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

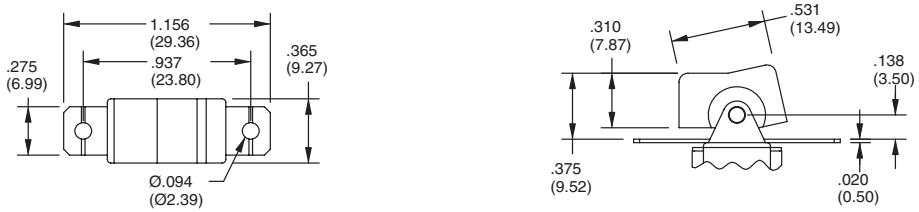


SCHEMATIC

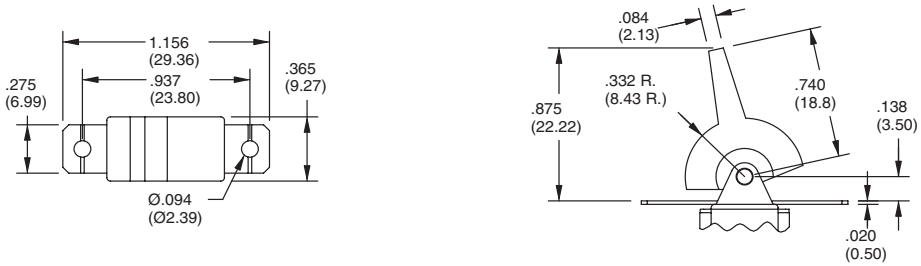


ACTUATOR OPTIONS: For Panel Mount Only In inches (and millimeters)

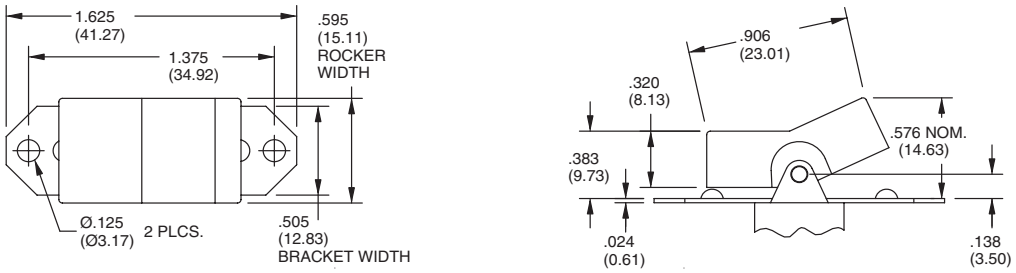
R1



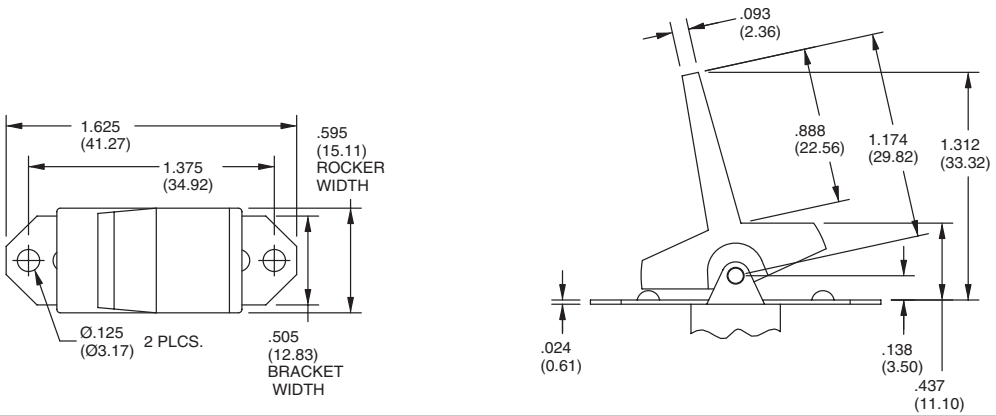
R2



R3



R4



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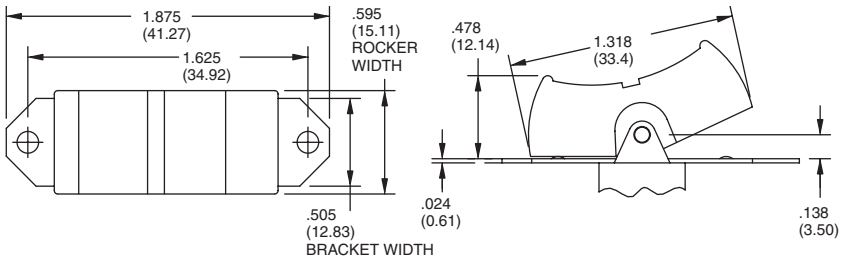
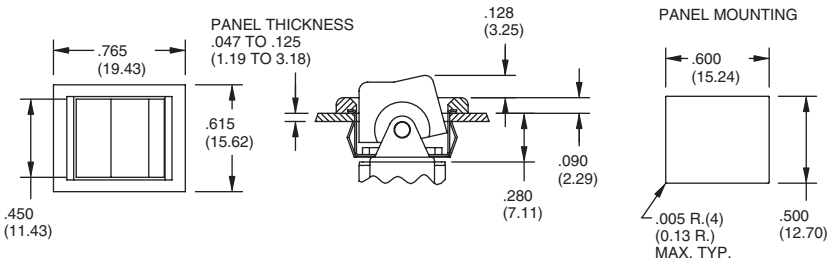
ACTUATOR OPTIONS: For Panel Rear Mount Only In inches (and millimeters)

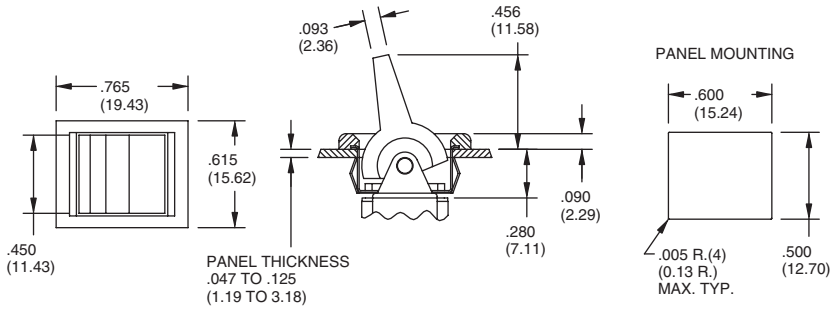
R5



R6

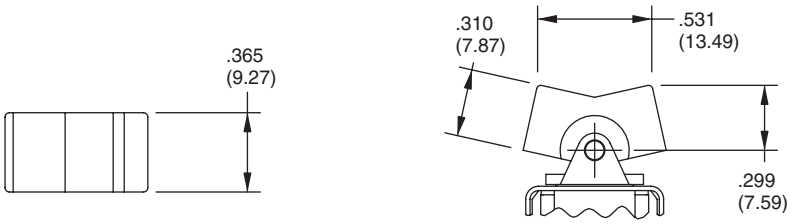


R7

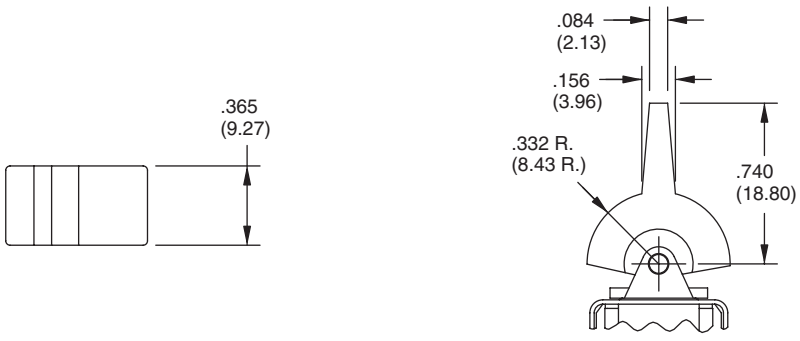


ACTUATOR OPTIONS: For P.C. Mount Only In inches (and millimeters)

J1

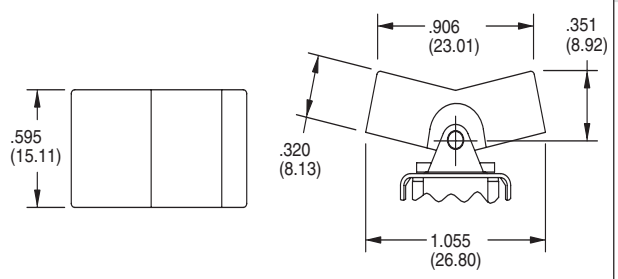


J2

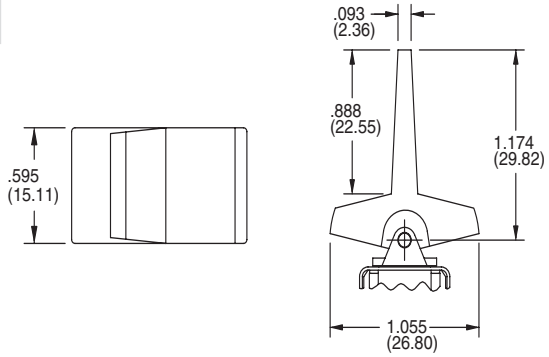


ACTUATOR OPTIONS: For P.C. Mount Only In inches (and millimeters)

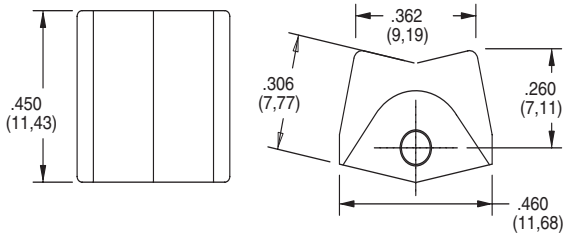
J3



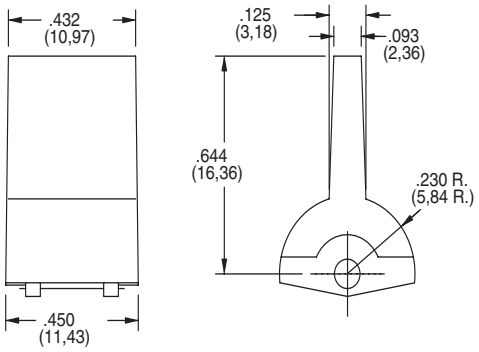
J4



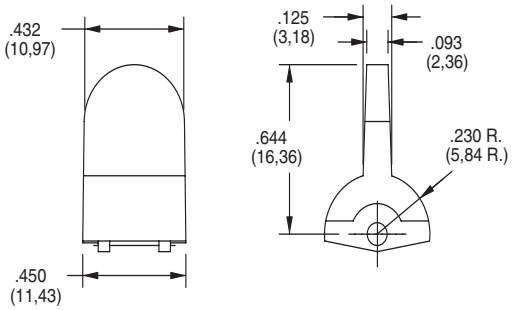
J5



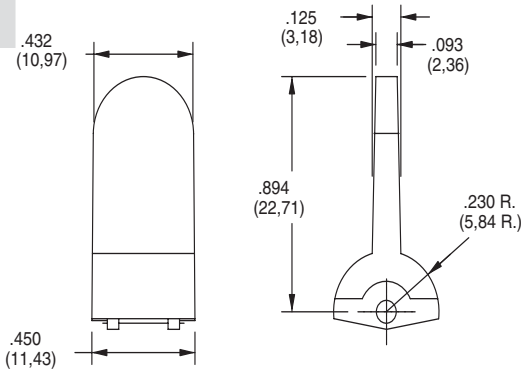
J6



J7

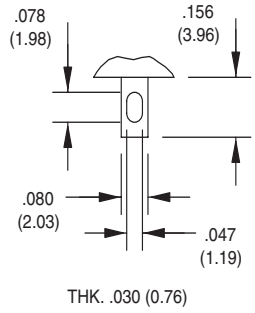


J8



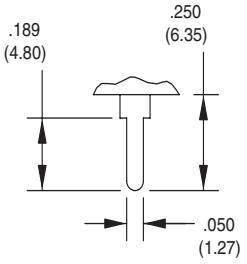
TERMINATION OPTIONS In inches (and millimeters)

M1 Solder Lug



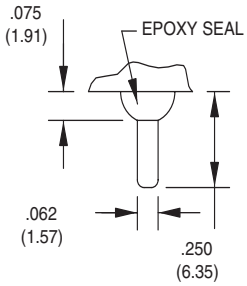
THK. .030 (0.76)

M2 P.C. Mount (Std)

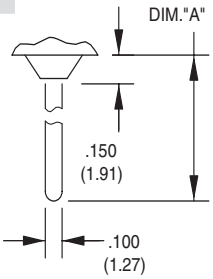


THK. .030 (0.76)

M3 P.C. Mount, Quick Connect



WX



OPTION CODE	DIM."A"
W1	.750(19.05)
W2	.964(24.48)
W3	.425(10.80)
W4	1.062(26.97)

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

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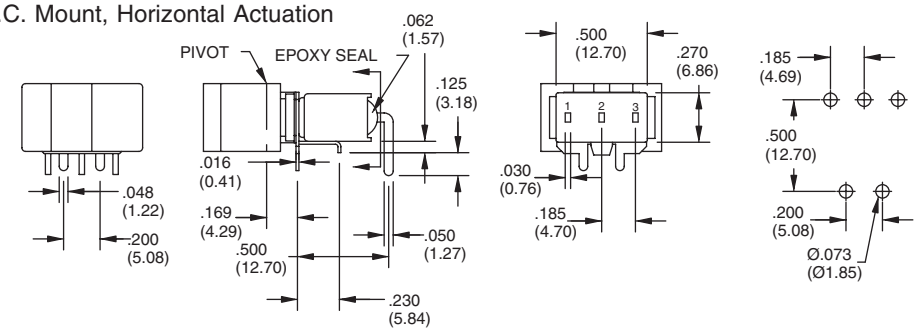
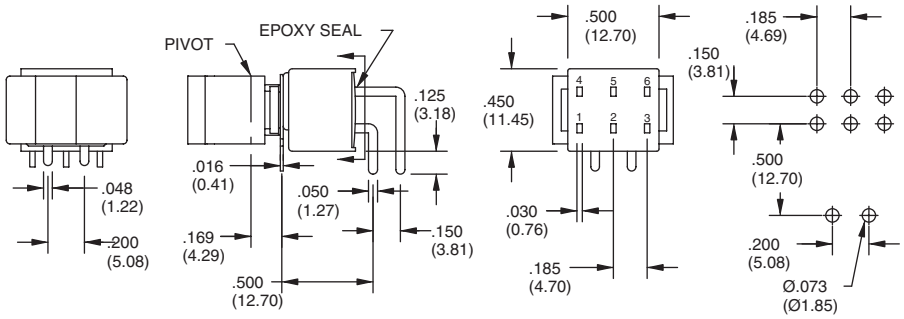
TERMINATION OPTIONS In inches (and millimeters)

M6 Right Angle P.C. Mount, Horizontal Actuation

SPDT

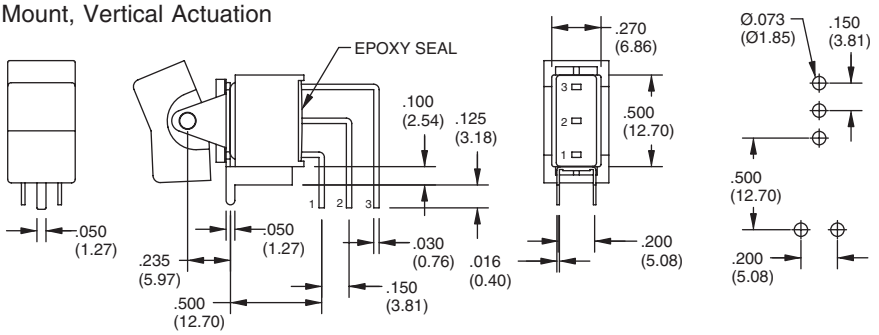


DPDT

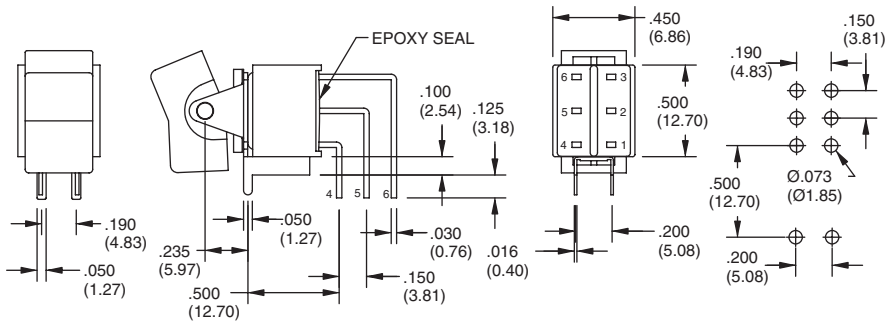


M7 Right Angle P.C. Mount, Vertical Actuation

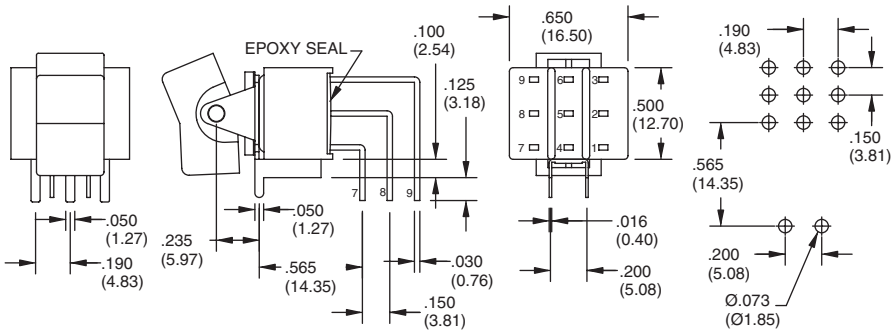
SPDT



DPDT

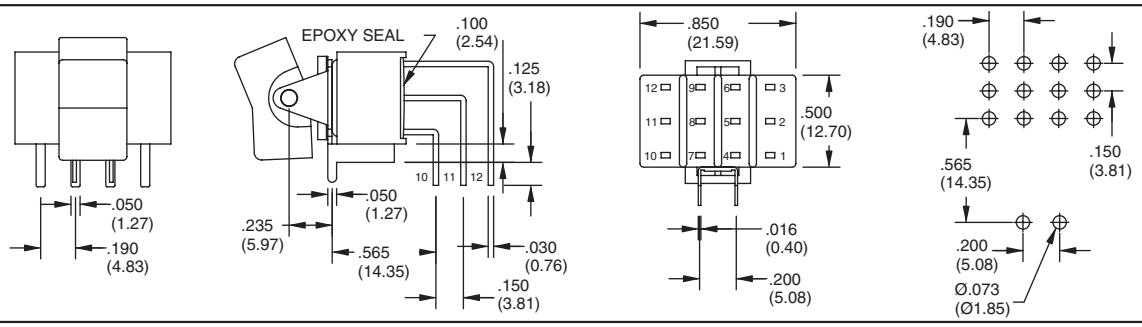


3PDT



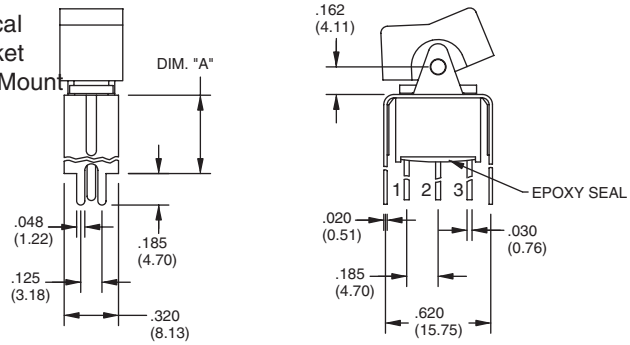
TERMINATION OPTIONS In inches (and millimeters)

4PDT

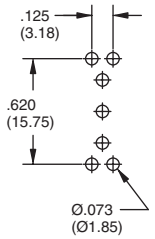


V2-V3 Vertical Bracket P.C. Mount

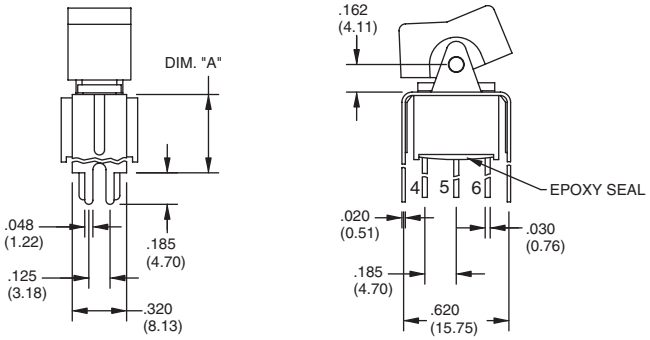
SPDT



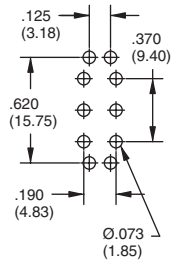
OPTION CODE	DIM."A"
V2	.460 (11,68)
V3	.630 (16,00)



DPDT



OPTION CODE	DIM."A"
V2	.460 (11,68)
V3	.630 (16,00)



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

Dielectic 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)

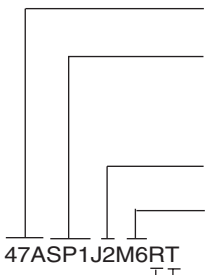
Bushing: Stainless steel

Switch Support: Brass, tin-plated

Terminal/Contacts: Brass with silver or gold plate

Terminal Seal: Epoxy

ORDERING INFORMATION



Series 47A Minature 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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