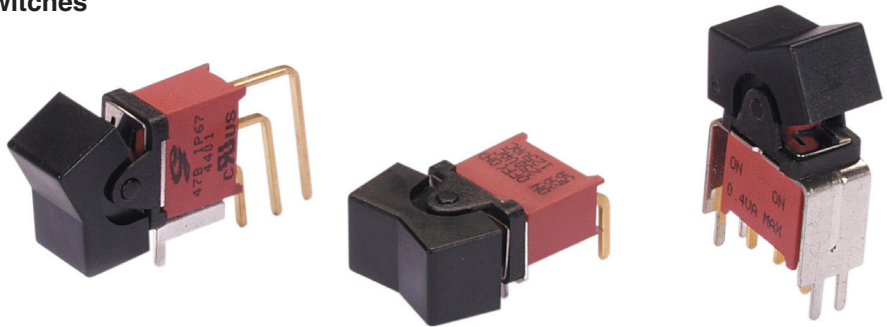


SERIES 47B

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

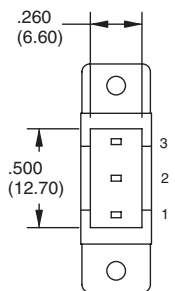
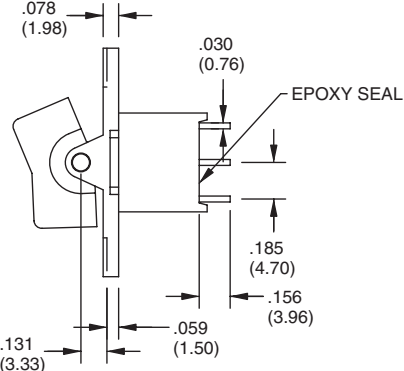
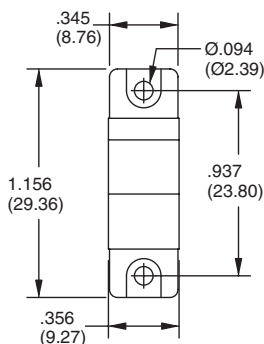
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02COMM.

SCHEMATIC



SPDT

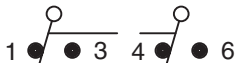


MODEL NO.	SWITCH POSITION		
WDP1	ON	NONE	ON
WDP2	ON	NONE	(ON)
WDP3	ON	OFF	ON
WDP4	(ON)	OFF	(ON)
WDP5	ON	OFF	(ON)
TERM. COMM.	2-3,5-6	OPEN	2-1,5-4

()=MOMENTARY

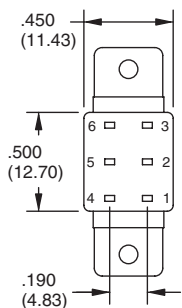
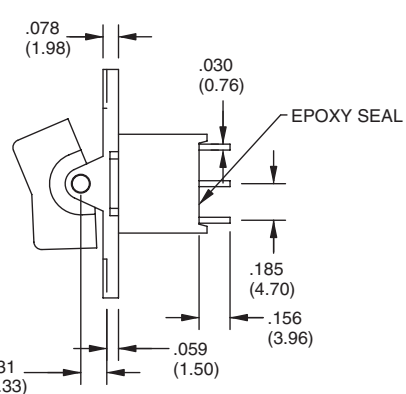
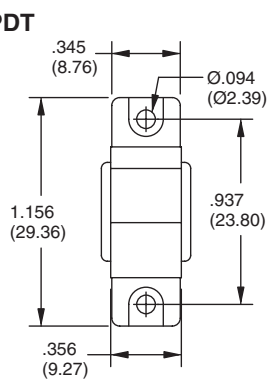
02COMM.

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

()=MOMENTARY

02COMM.

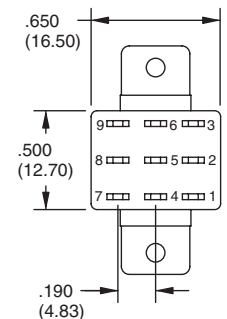
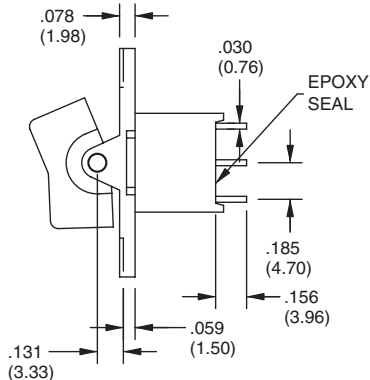
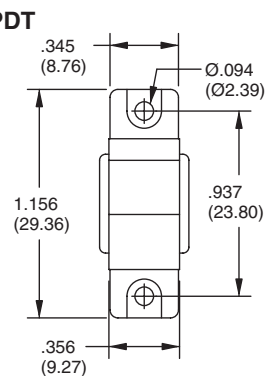
05COMM.

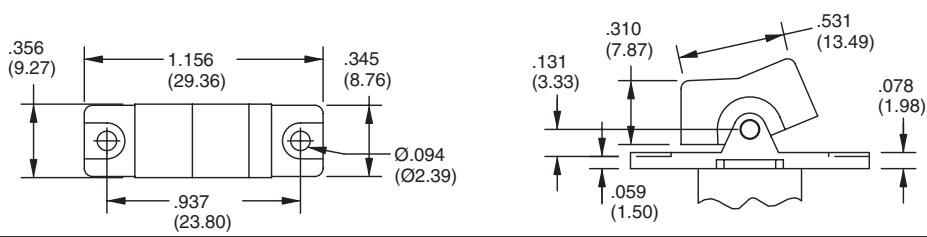
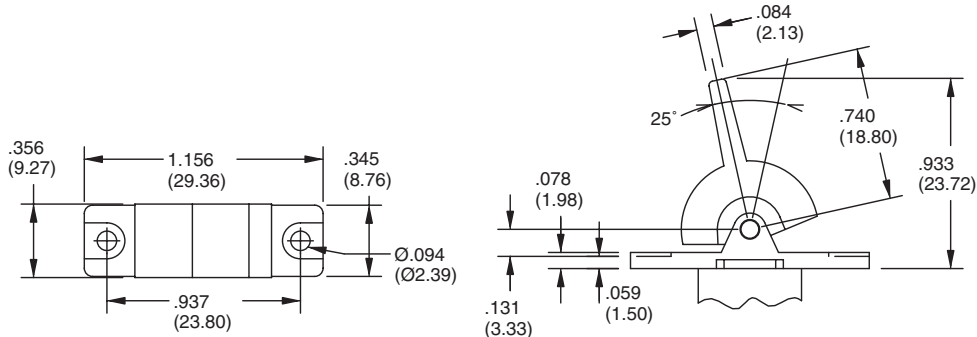
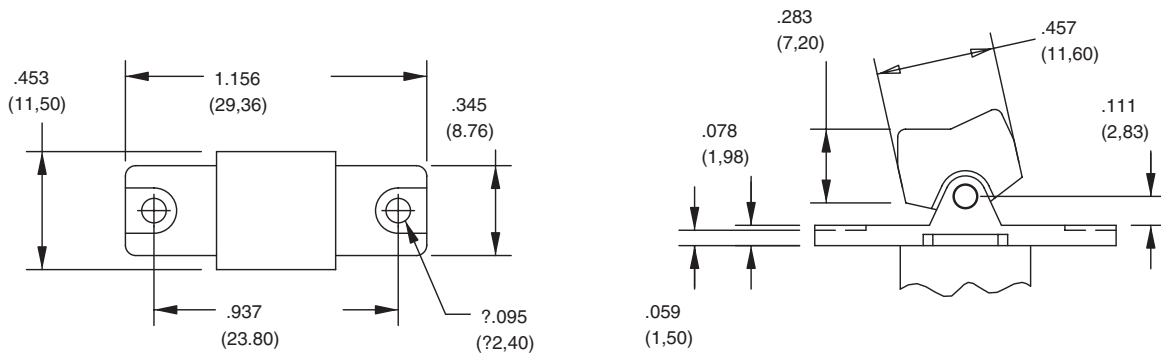
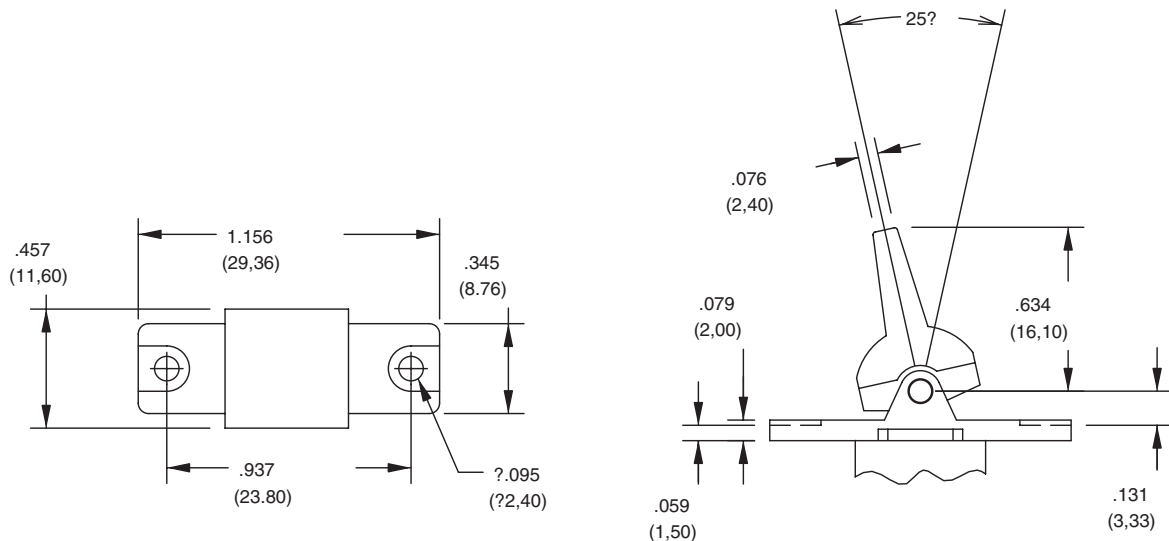
08COMM.



SCHEMATIC

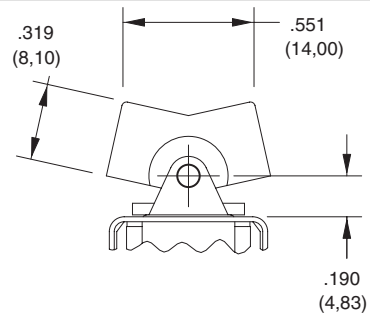
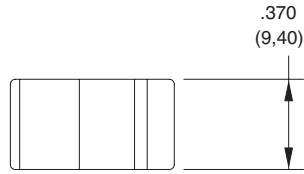
3PDT



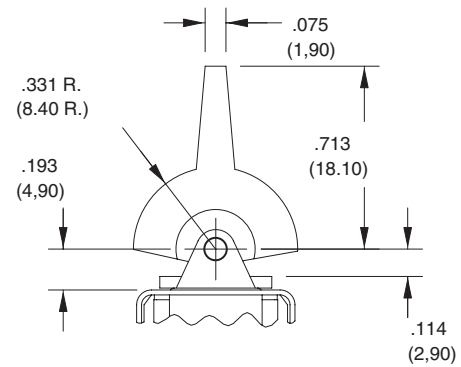
ACTUATOR OPTIONS in inches (and millimeters)**R1****R2****R3****R4**

ACTUATOR OPTIONS in inches (and millimeters)

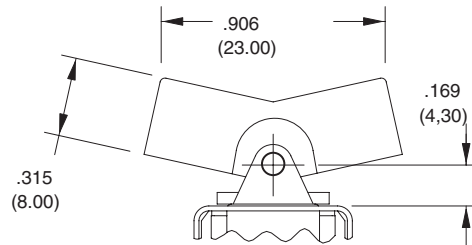
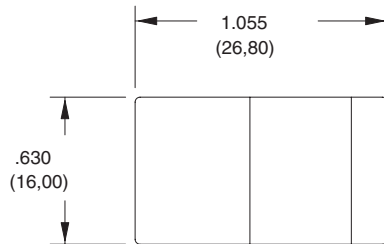
J1



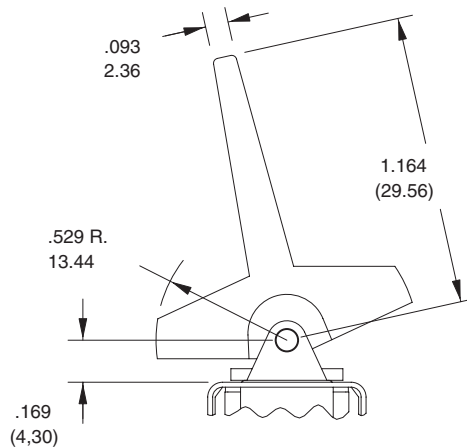
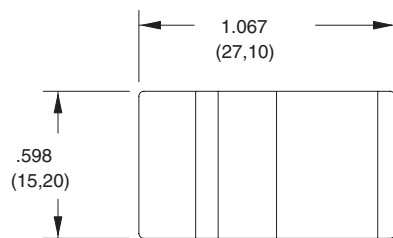
J2



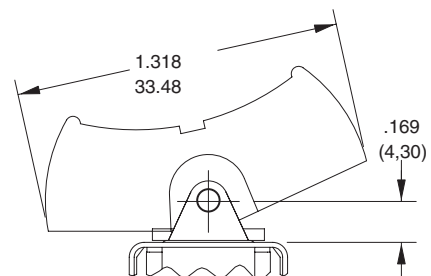
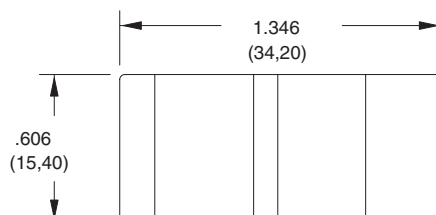
J3



J4



J5



M1

EPOXY SEAL

.144 (3.65)

.078 (1.98)

.047 (1.20)

.080 (2.03)

THK. .030 (0.76)

M2

EPOXY SEAL

.191 (4.84)

.050 (1.26)

THK. .030 (0.76)

M3

EPOXY SEAL

.191 (4.84)

.062 (1.57)

THK. .030 (0.76)

WX

EPOXY SEAL

.150 (1.91)

.100 (1.27)

THK. .030 (0.76)

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

M6

Right Angle P.C. Mount,
Horizontal Actuation

SPDT

EPOXY SEAL

.062 (1.57)

.125 (3.18)

.050 (1.27)

.230 (5.84)

12.70 (.500)

DPDT

EPOXY SEAL

.016 (0.41)

.178 (4.52)

.050 (1.27)

.150 (3.81)

.500 (12.70)

3PDT

EPOXY SEAL

.016 (0.41)

.178 (4.52)

.050 (1.27)

.125 (3.18)

.565 (14.35)

.500 (12.70)

M7

Right Angle P.C. Mount, Vertical Actuation

SPDT

EPOXY SEAL

.100 (2.54)

.125 (3.18)

.030 (0.76)

.150 (3.81)

.260 (6.60)

.500 (12.70)

.200 (5.08)

.014 (0.36)

DPDT

EPOXY SEAL

.100 (2.54)

.125 (3.18)

.030 (0.76)

.150 (3.81)

.260 (6.60)

.500 (12.70)

.200 (5.08)

.014 (0.36)

3PDT

EPOXY SEAL

.100 (2.54)

.125 (3.18)

.030 (0.76)

.150 (3.81)

.260 (6.60)

.500 (12.70)

.200 (5.08)

.014 (0.36)

WX

EPOXY SEAL

.150 (1.91)

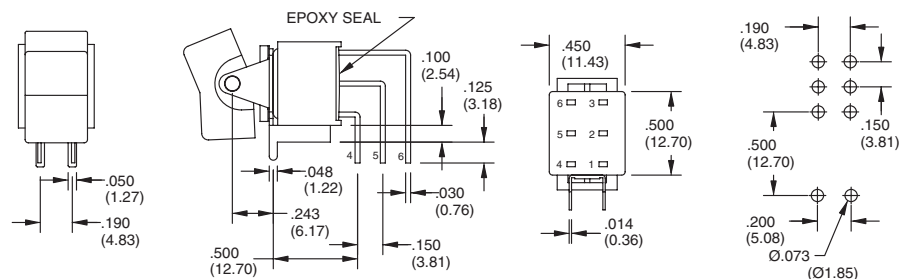
.100 (1.27)

THK. .030 (0.76)

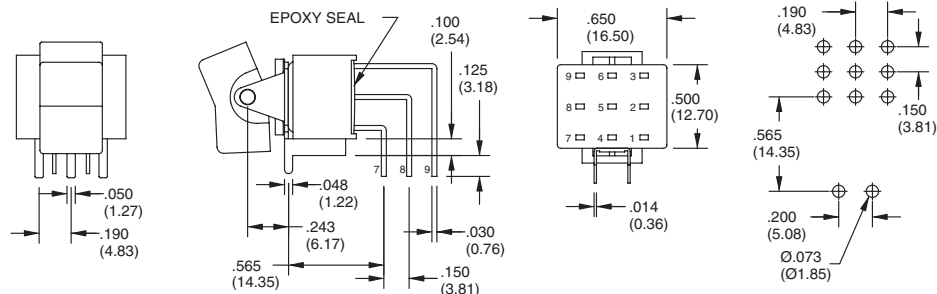
OPTION CODE	DIM. "A"
W1	.750(19.05)
W2	.964(24.48)
W3	.425(10.80)
W4	1.062(26.97)

TERMINATION OPTIONS in inches (and millimeters)

DPDT

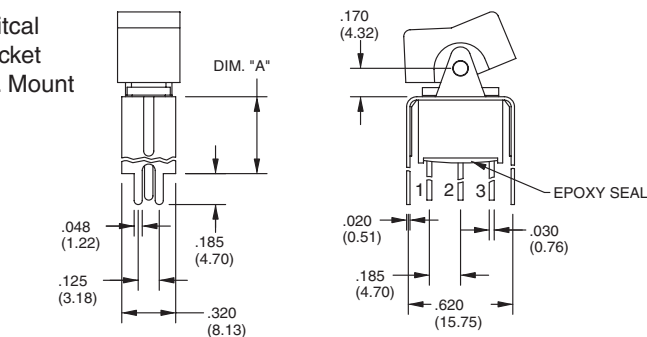


3PDT

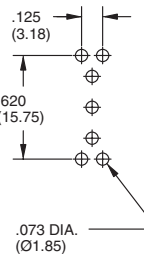


V2-V3 Vertical
Bracket
P.C. Mount

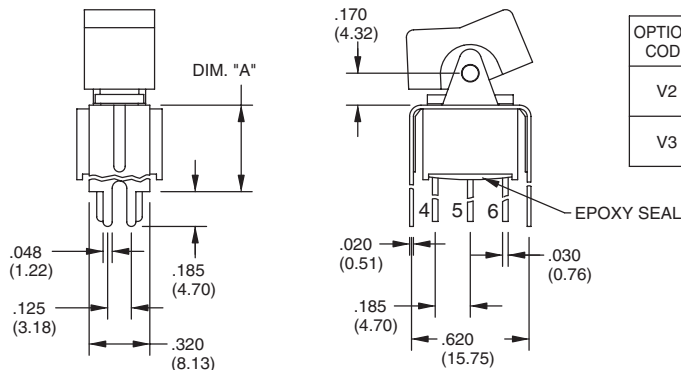
SPDT



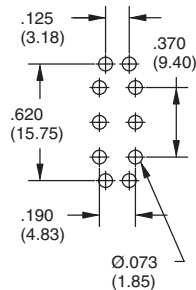
OPTION CODE	DIM. "A"
V2	.460 (11.68)
V3	.630 (16.00)



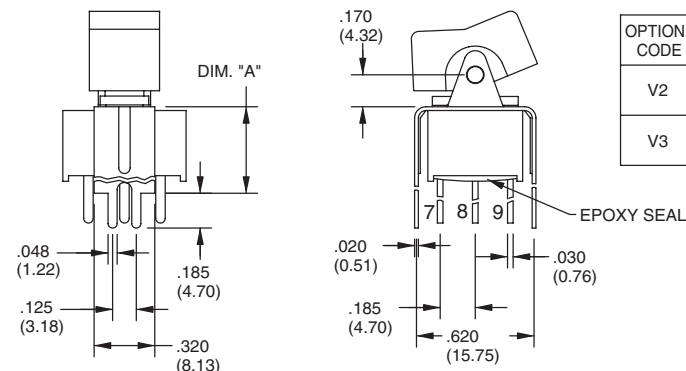
DPDT



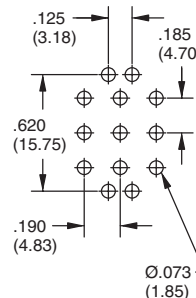
OPTION CODE	DIM. "A"
V2	.460 (11.68)
V3	.630 (16.00)



3PDT



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: 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

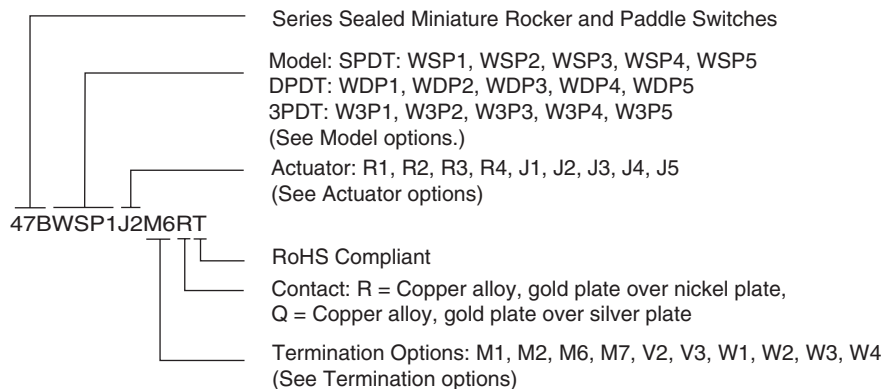
Actuator Pivot & Mounting Bracket: Nylon (UL 94V-0)

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.