



GRAYHILL

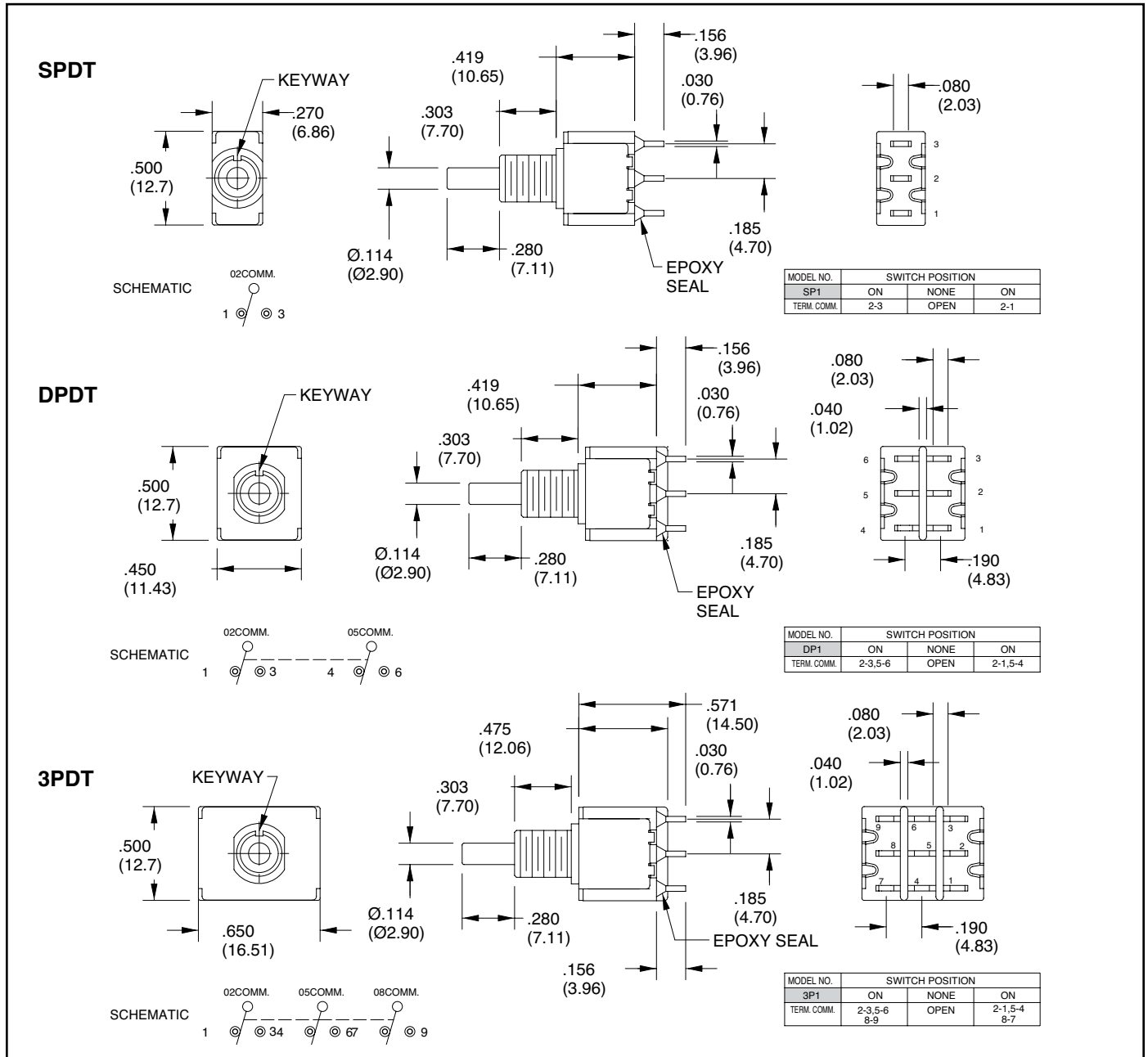
SERIES 38D Alternate Action Pushbutton Switches

FEATURES

- SPDT, DPDT, 3PDT, 4PDT Circuitry
- Choice of Plunger Length, Bushings, and Terminations
- UL Recognized

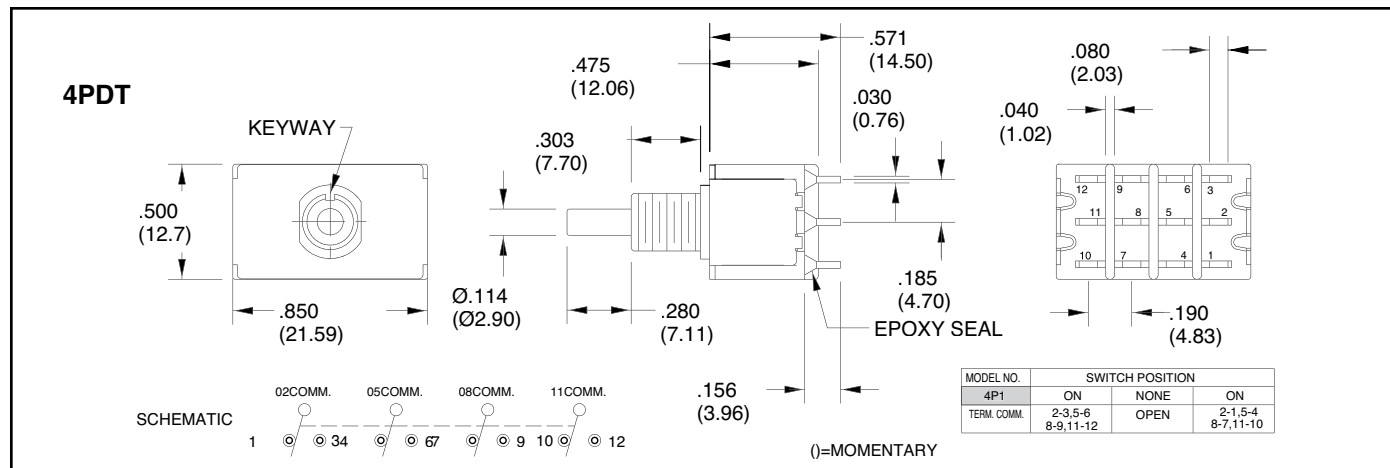


DIMENSIONS in inches (and millimeters)

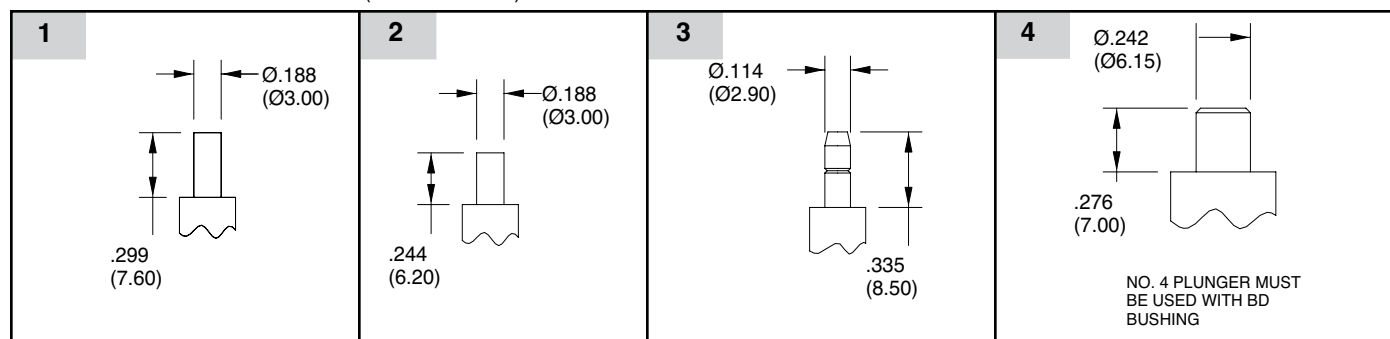




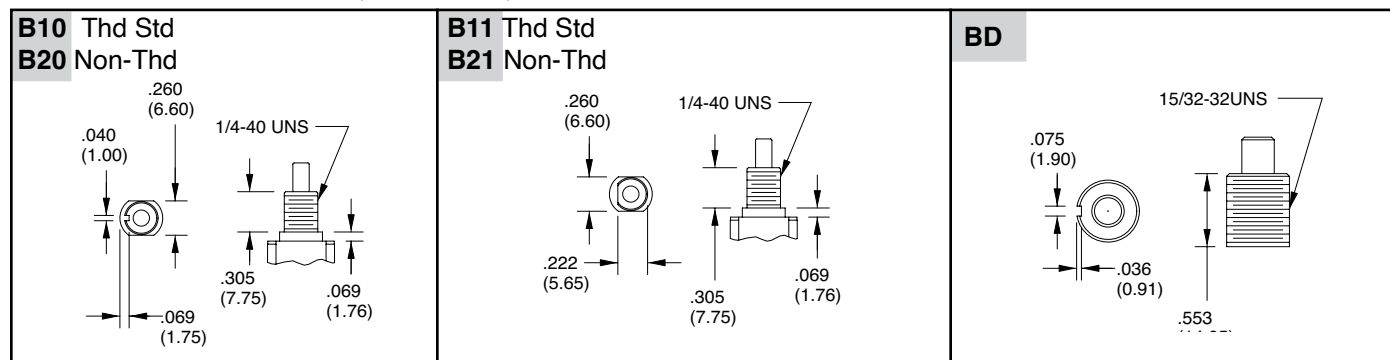
TERMINATION OPTIONS in inches (and millimeters)



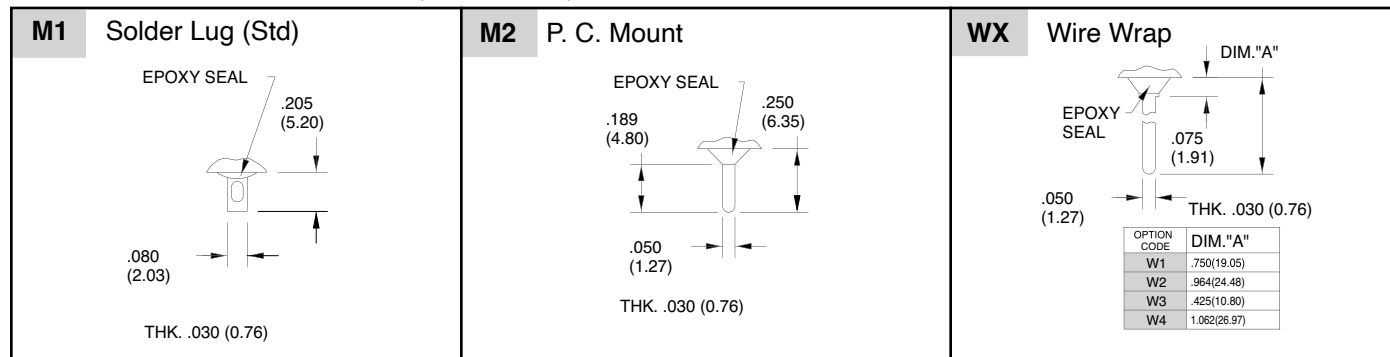
PLUNGER OPTIONS in inches (and millimeters)



BUSHING OPTIONS in inches (and millimeters)



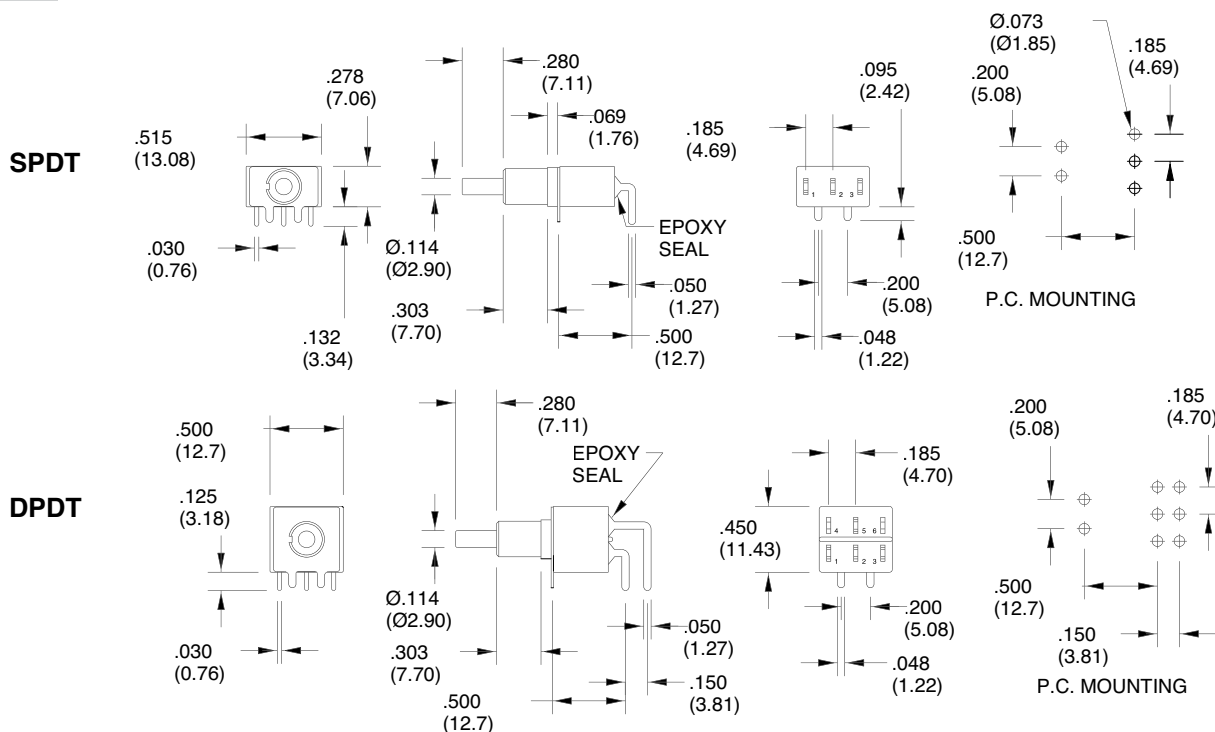
TERMINATION OPTIONS in inches (and millimeters)



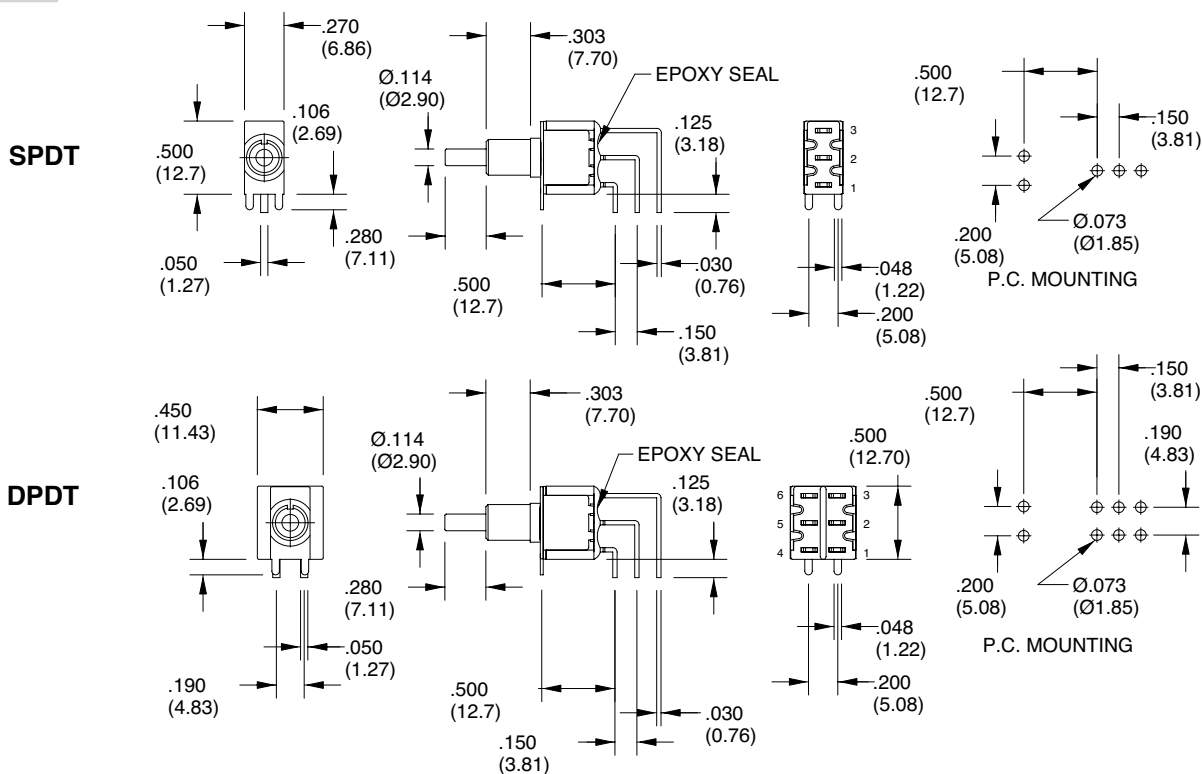


TERMINATION OPTIONS (CONT.) in inches (and millimeters)

M6 Right Angle, P. C. Mount, Horizontal



M7 Right Angle, P. C. Mount, Vertical

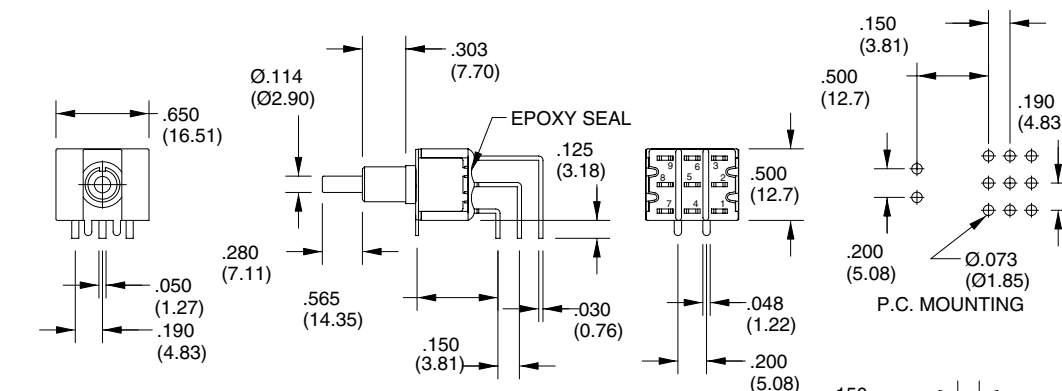




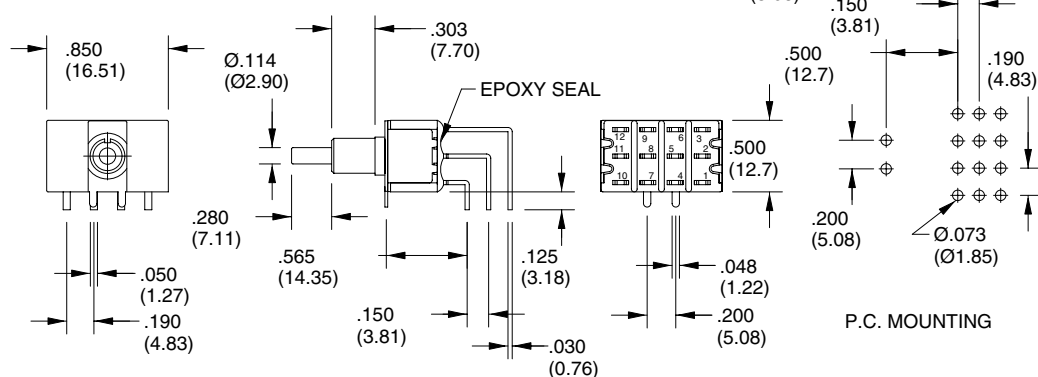
TERMINATION OPTIONS (CONT.) in inches (and millimeters)

M7

3PDT



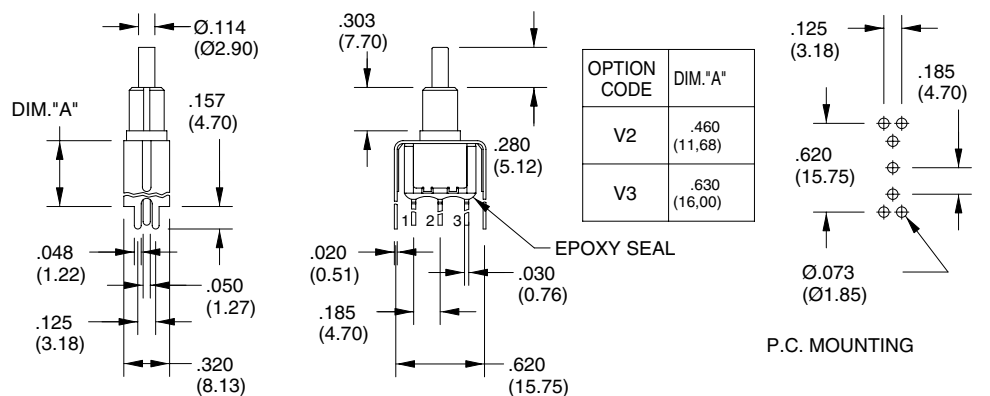
4PDT



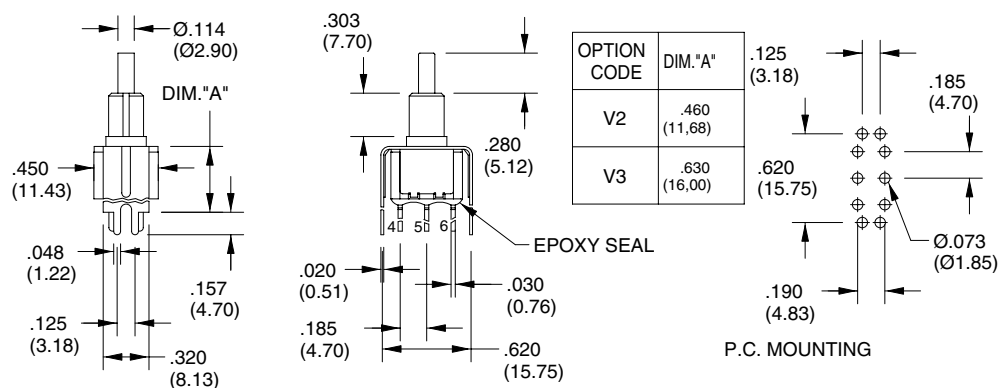
V2-V3

Vertical Bracket, P. C. Mount

SPDT



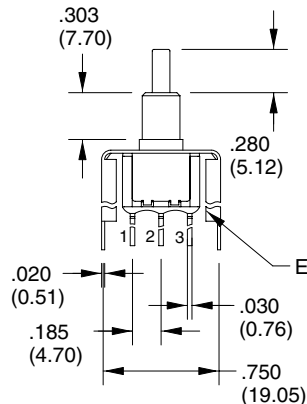
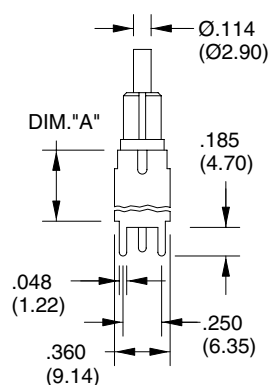
DPDT



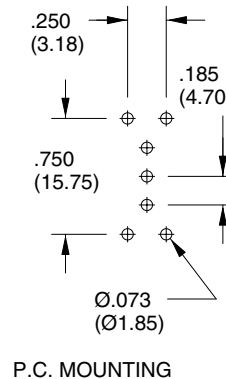


V4-V5 Vertical Bracket, P. C. Mount

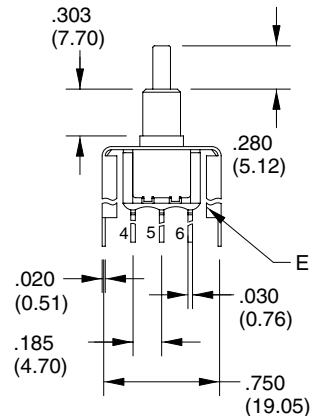
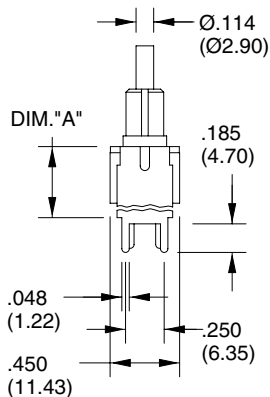
SPDT



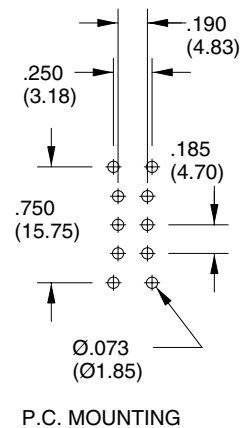
OPTION CODE	DIM."A"
V4	.460 (11.68)
V5	.630 (16.00)



DPDT



OPTION CODE	DIM."A"
V4	.460 (11.68)
V5	.630 (16.00)



SPECIFICATIONS

RATINGS

Contact Rating: Q & G option - 6A @ 125 VAC or 28 VDC or 28 VDC; 3A @ 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: 1,500 V RMS @ sea level

Operating Temperature: -30°C to 85°C

MATERIALS

Case: Diallyl phthalate (DAP) (UL94V-0)

Plunger: Glass filled nylon or glass filled polyester

Bushing: Zinc, nickel plated

Housing: Stainless steel

Terminal Seal: Epoxy

ORDERING INFORMATION

SERIES	MODEL NO.	PLUNGER	BUSHING	TERMINATION	CONTACT	SEAL
38D	SP1	1	B10	M1	Q	T
38D = Alternate Action Pushbutton Switches	Options: SP1, DP1, 3P1, 4P1 (see models for switching positions)	Options: 1, 2, 3, 4 (see plunger options)	Options: B10, B11, B20, B21, BD (see bushing options)	Options: M1, M2, M6, M7, S2, S6 V2, V3, V4, V5, W1, W2, W3, W4 (see termination options)	R = Copper alloy, gold plate over nickel plate. Q = Copper alloy, silver plated G=Gold plate over silver plate	T = Lead Free and RoHS Compliant