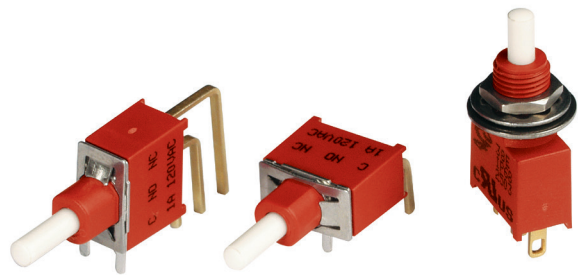


SERIES 38E

Sealed Snap Action Miniature Pushbutton Switches

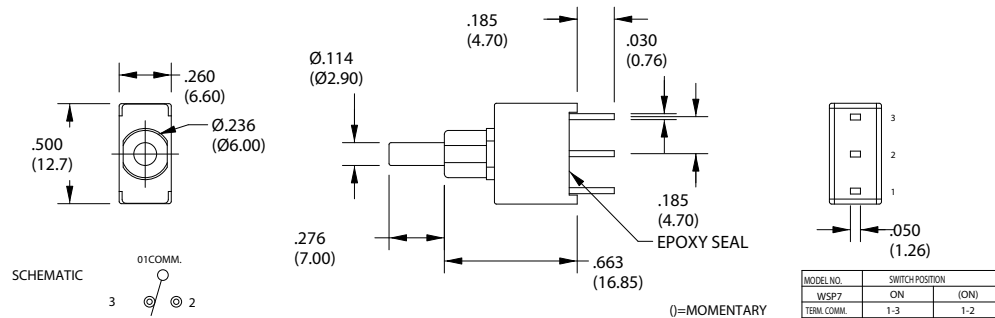
FEATURES

- SPDT and DPDT Circuitry
- Choice of Bushings, and Terminations
- UL Recognized
- IP-68 Degree of Protection
- RoHS Compliant

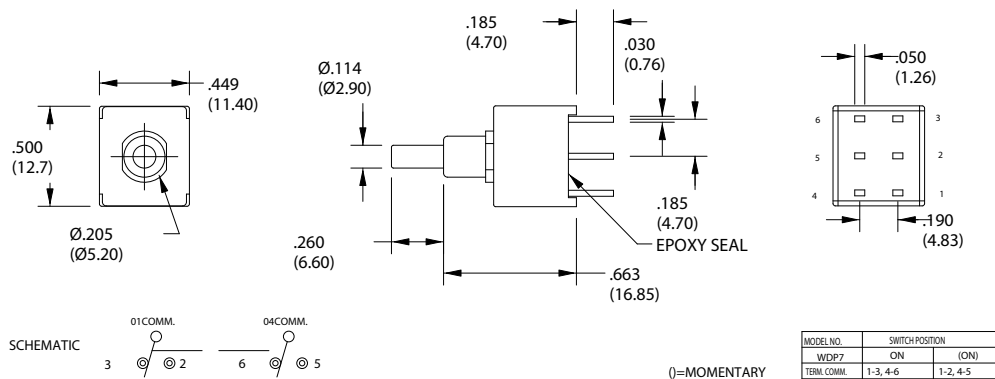


DIMENSIONS in inches (and millimeters)

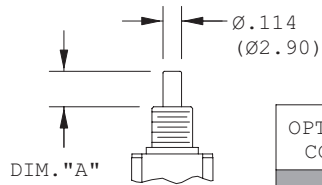
SPDT



DPDT

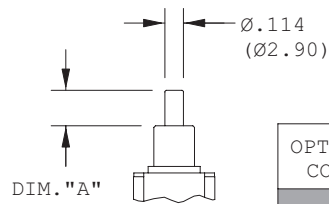


PLUNGER OPTIONS in inches (and millimeters)



OPTION CODE	DIM. "A"
1	.173 (4.40)
2	.220 (5.60)
3	.087 (2.20)

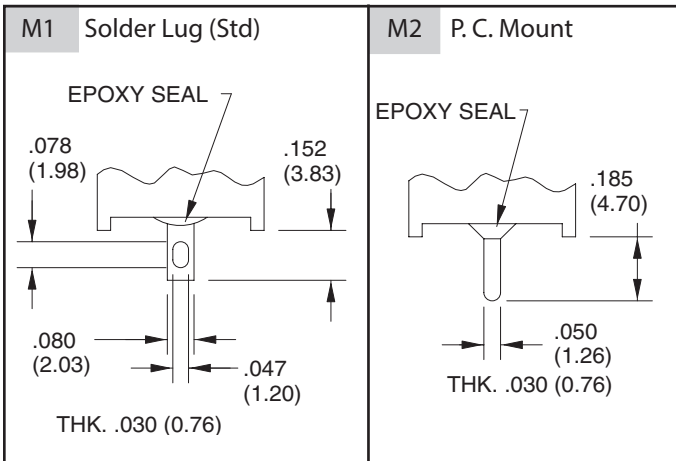
FOR B1
BUSHING



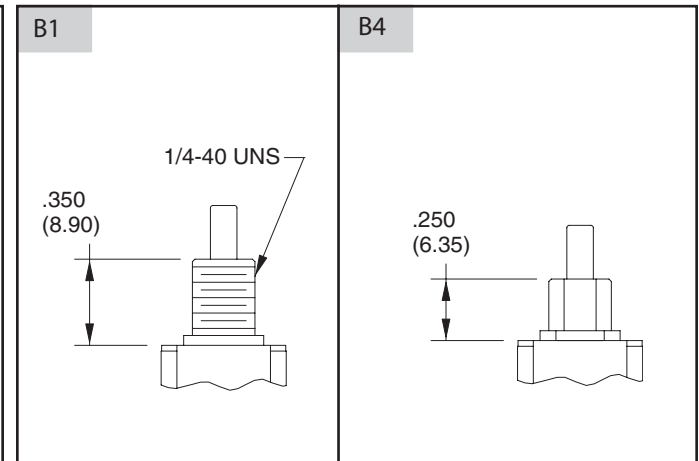
OPTION CODE	DIM. "A"
1	.276 (7.00)
2	.327 (8.30)
3	.193 (4.90)

FOR B4
BUSHING

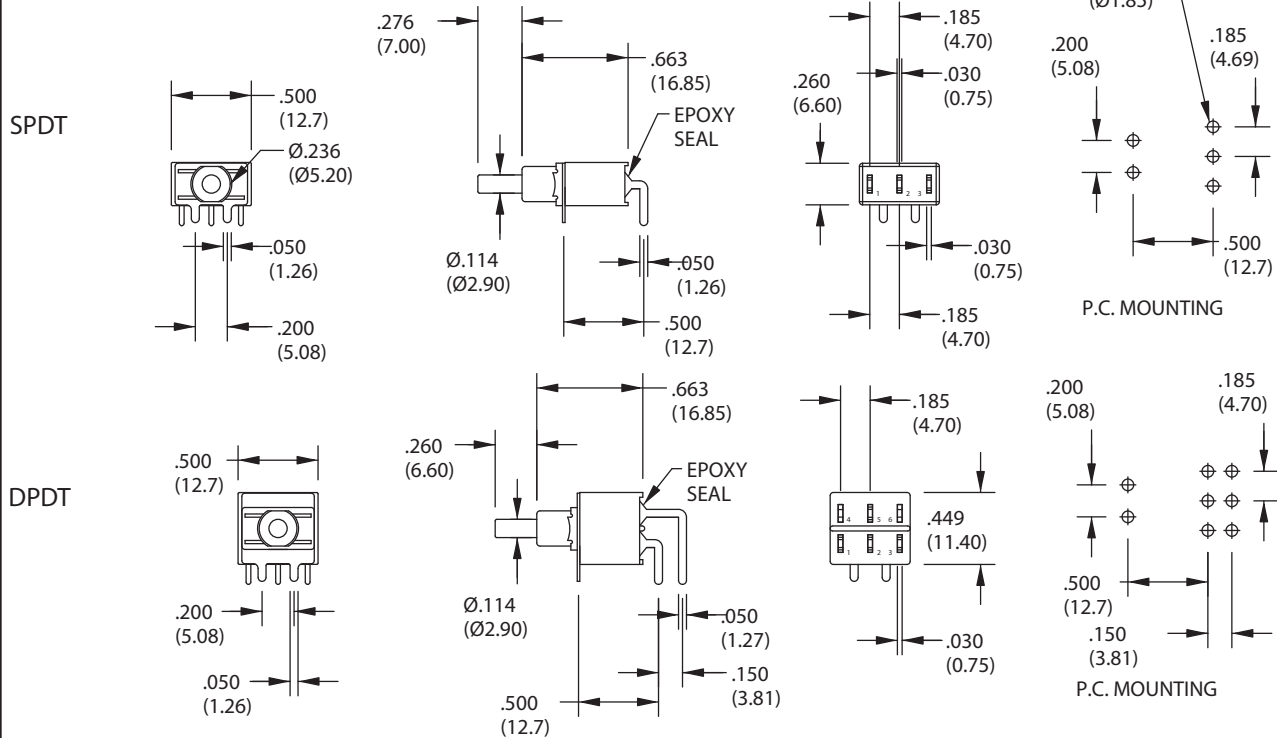
BUSHING OPTIONS in inches (and millimeters)



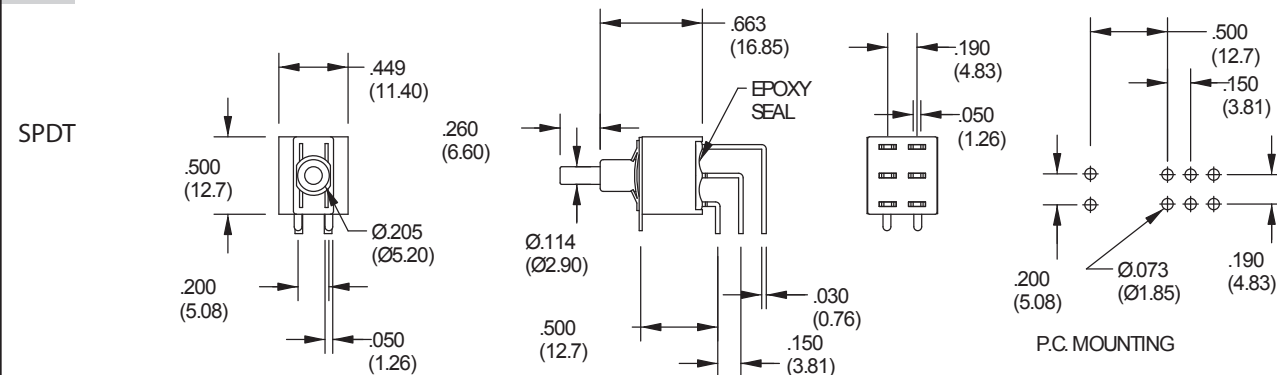
TERMINATION OPTIONS in inches (and millimeters)



M6 Right Angle P. C. Mount, Horizontal

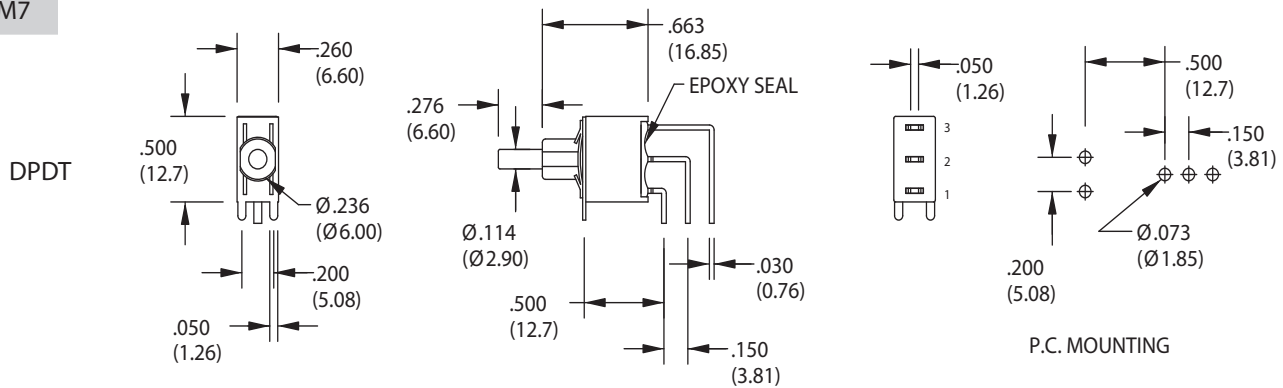


M7 Right Angle P.C. Mount, Vertical

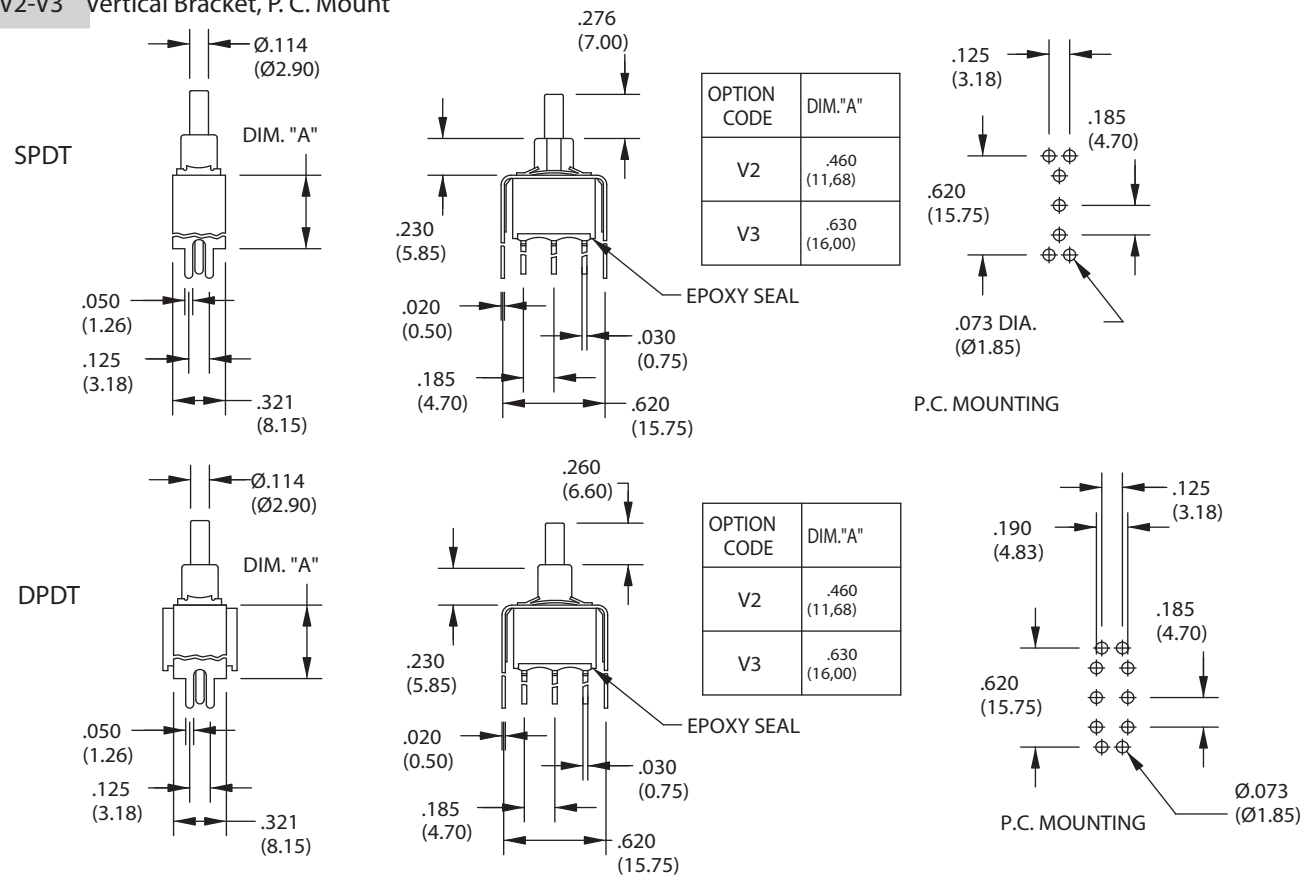


TERMINATION OPTIONS (CONT.) in inches (and millimeters)

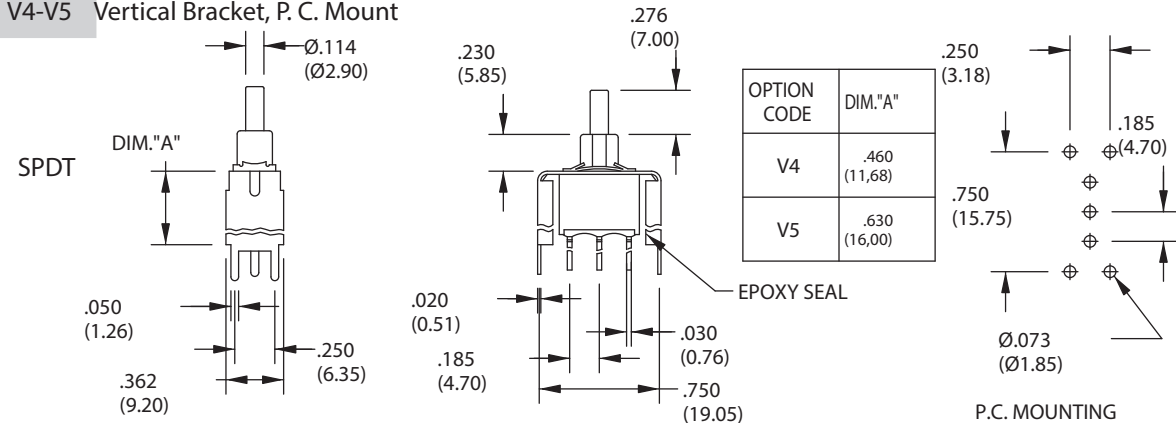
M7



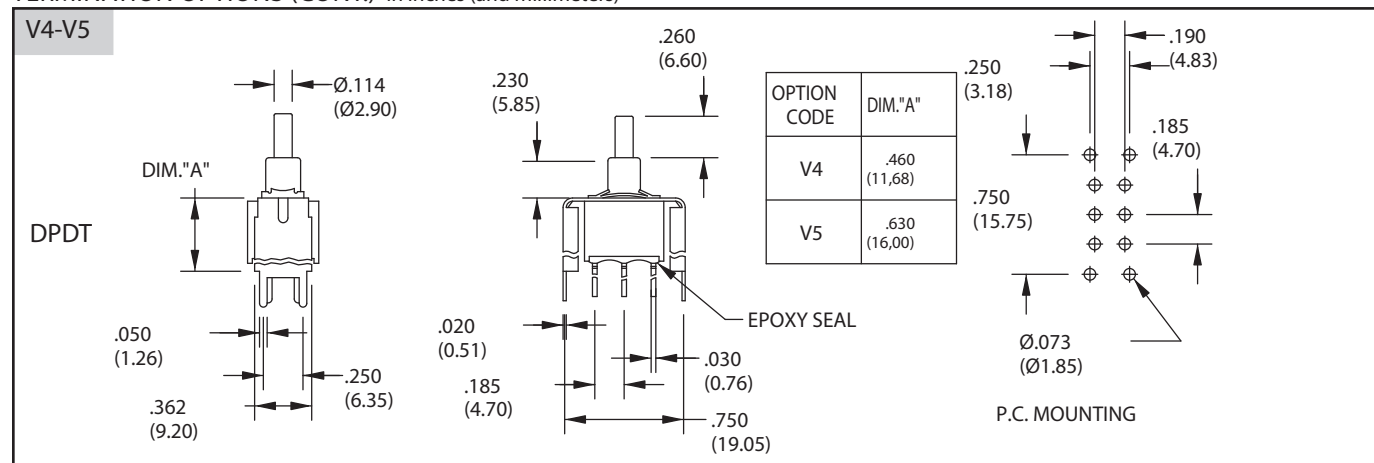
V2-V3 Vertical Bracket, P. C. Mount



V4-V5 Vertical Bracket, P. C. Mount

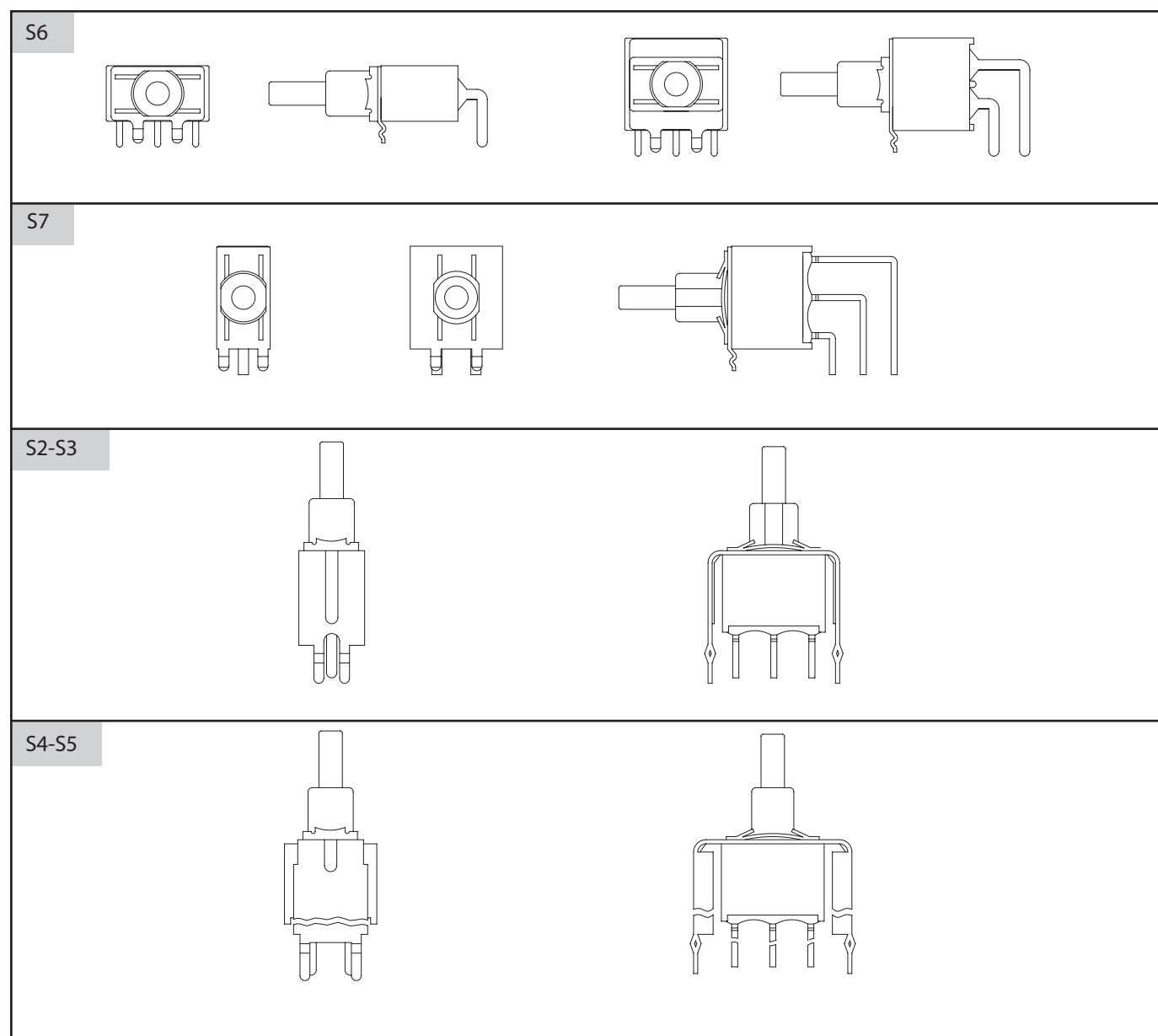


TERMINATION OPTIONS (CONT.) in inches (and millimeters)



Snap-in Termination Options

(Snap-in termination options have the same PC layout as M2, M6 and M7 options)





SPECIFICATIONS

RATINGS

Contact Rating: Q & G option - 1A with resistive load @ 125 VAC or 28 VDC.
R option - 0.4 VA max @ 20 Vmax (AC or DC)
Electrical Life: 50,000 make-and-break cycles at full load
Travel: .040 ± .010

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: Glass filled Nylon 6/6 (UL94V-0)
Plunger: Glass filled nylon or glass filled polyester
Bushing: Brass, nickel plated
Housing: Stainless steel
Terminal/Switch Support: Brass or steel, electrotin plated
Terminal Seal: Epoxy

ORDERING INFORMATION

SERIES	MODEL NO.	PLUNGER	BUSHING	TERMINATION	CONTACT	SEAL
38E	WSP7	1	B1	M1	Q	T
38E = Sealed Snap Action Pushbutton Switches	Options: WSP7, WDP7 (see models for switching positions)	Options: 1, 2, 3 (see plunger options)	Options: B1, B4 (see bushing options)	Options: M1, M2, M6, M7, S2, S3, S4, S5, S6, S7 V2, V3, V4, V5, (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

Pushbutton Switches

Mouser Electronics

Authorized Distributor

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

Grayhill:

[38EWSP72B1M1GT](#) [38EWSP71B1M2GT](#) [38EWSP72B4S6RT](#) [38EWDP71B4M7RT](#) [38EWSP71B4M6RT](#)
[38EWSP73B4M7QT](#) [38EWSP72B1M6RT](#) [38EWSP73B4M2GT](#) [38EWSP71B4M6GT](#) [38EWSP72B1M2QT](#)
[38EWSP71B1M1QT](#) [38EWSP73B4V2RT](#) [38EWSP71B1M1RT](#) [38EWSP71B4V4RT](#) [38EWSP71B4V2QT](#)
[38EWSP73B1M1GT](#) [38EWSP71B4M7RT](#) [38EWSP71B1M7RT](#)