

SERIES 38E

Sealed Snap Action Miniature Pushbutton Switches

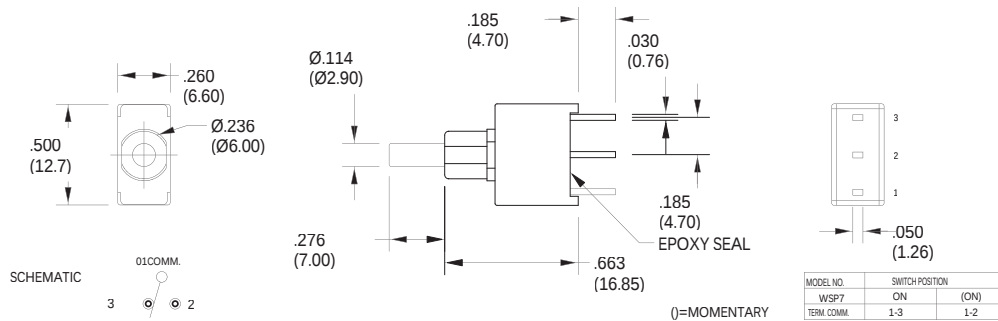
FEATURES

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

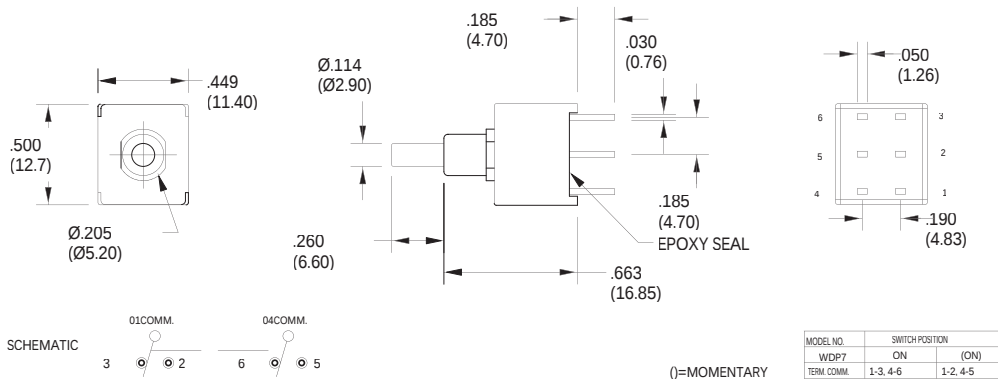


MODELS IN INCHES (AND MILLIMETERS)

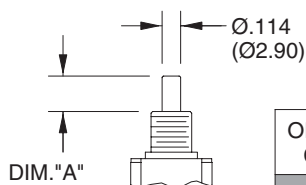
SPDT



DPDT

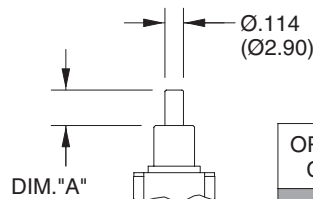


PLUNGER OPTIONS IN INCHES (AND MILLIMETERS)



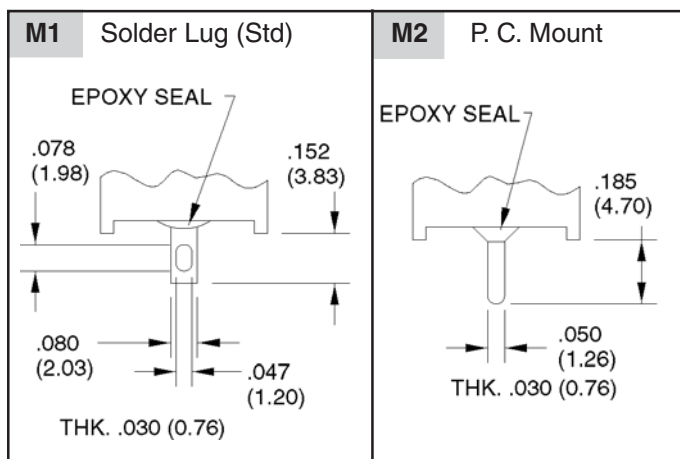
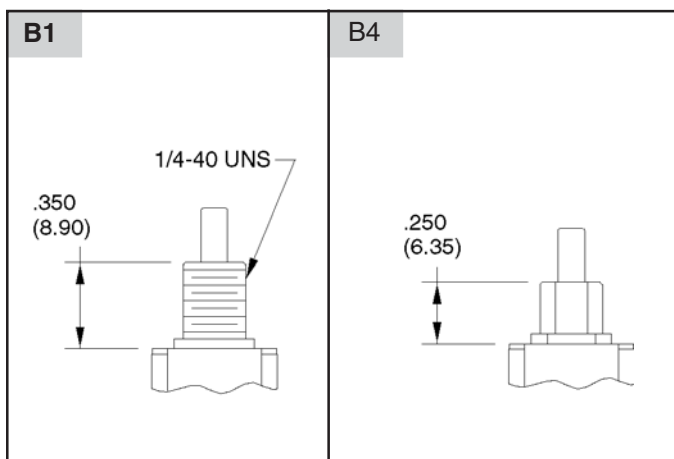
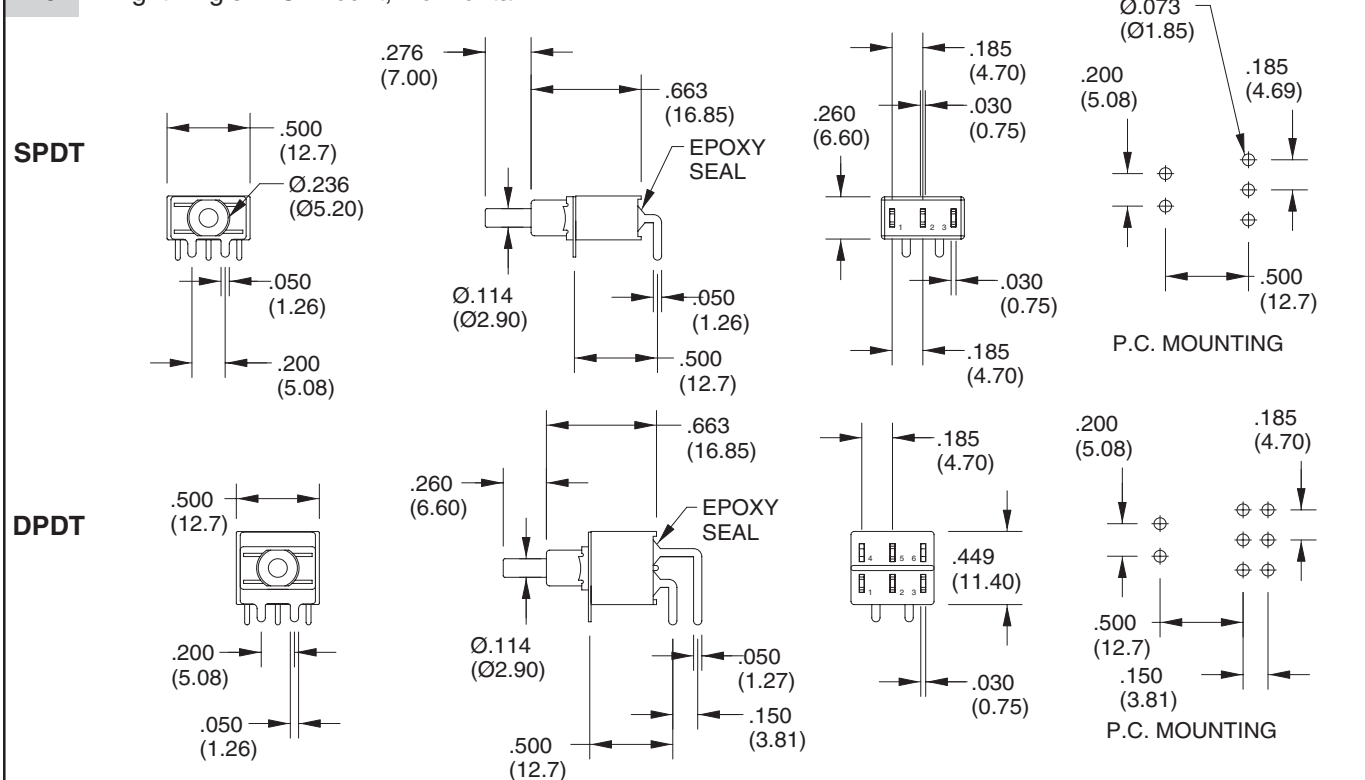
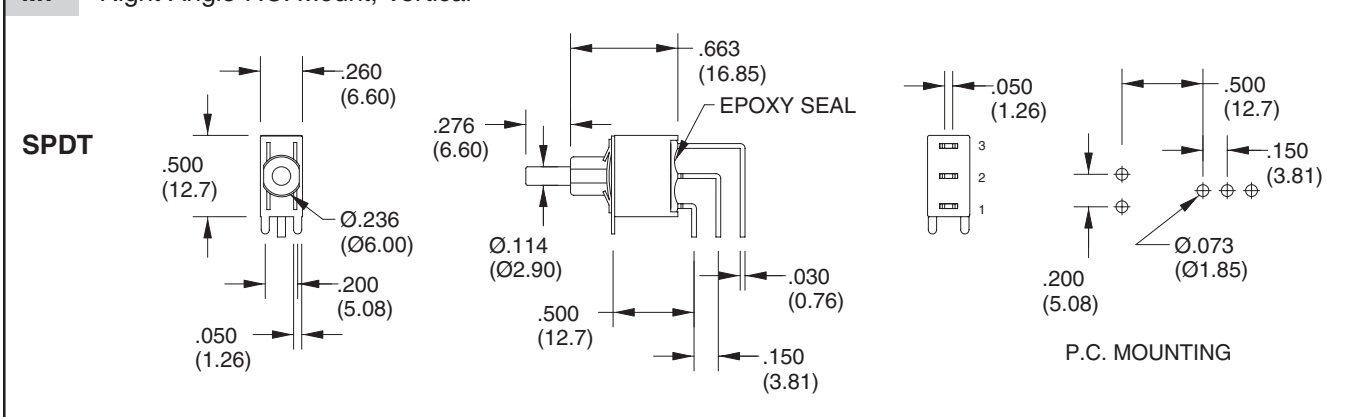
FOR B1
BUSHING

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



FOR B4
BUSHING

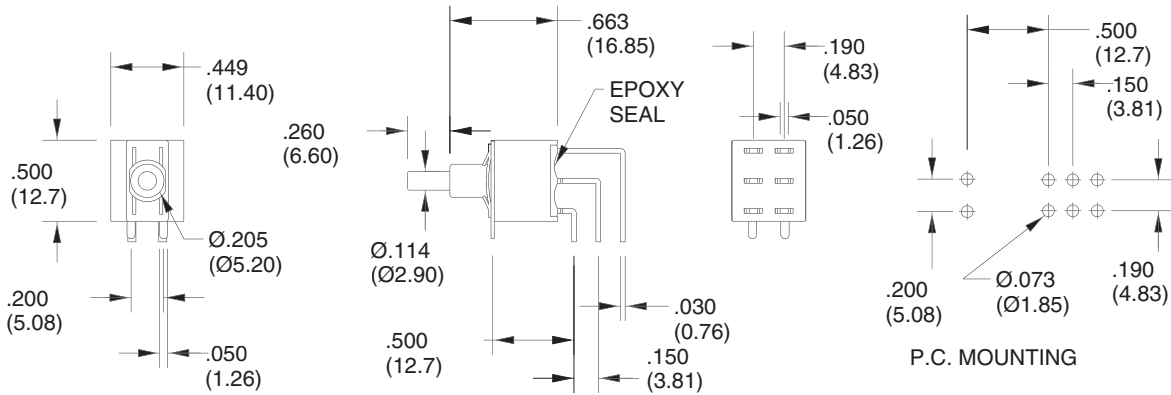
OPTION CODE	DIM. "A"
1	.276(7.00)
2	.327(8.30)
3	.193(4.90)

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

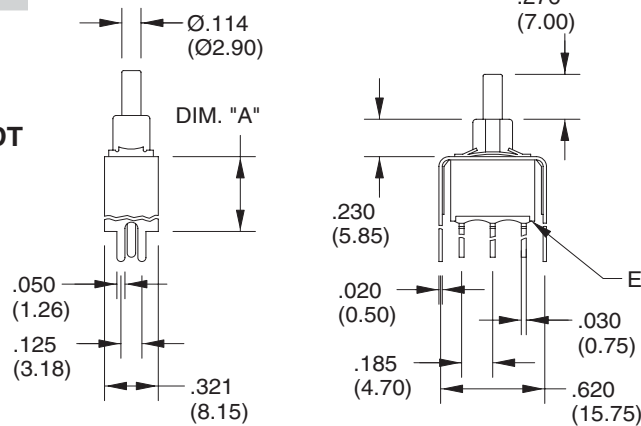
DPDT



V2-V3

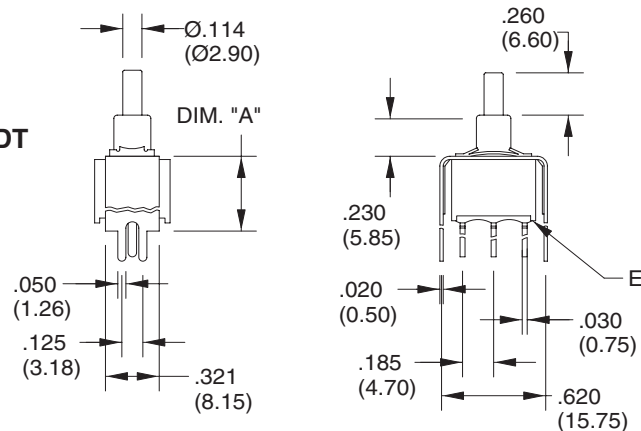
Vertical Bracket, P. C. Mount

SPDT



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

DPDT

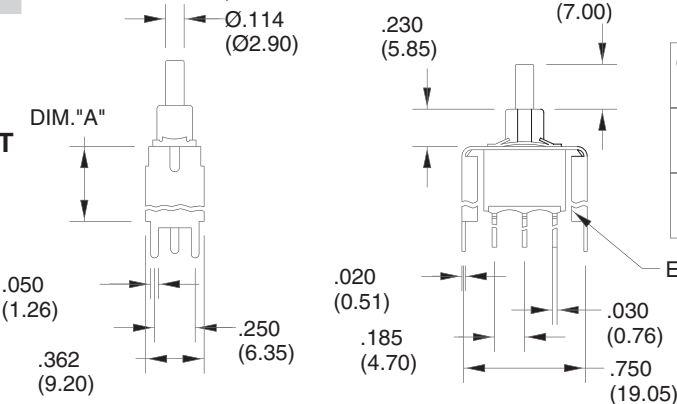


OPTION CODE	DIM. "A"
V2	.460 (11.68)
V3	.630 (16.00)

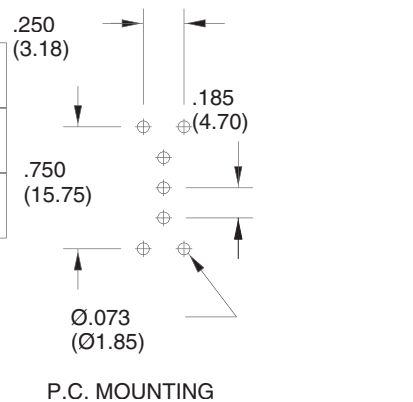
V4-V5

Vertical Bracket, P. C. Mount

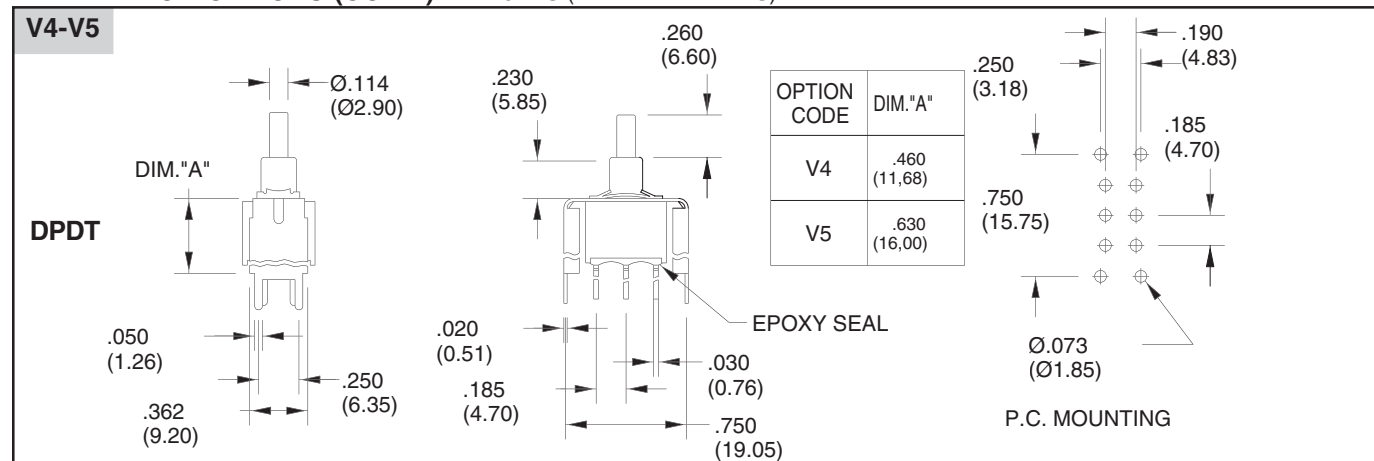
SPDT



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

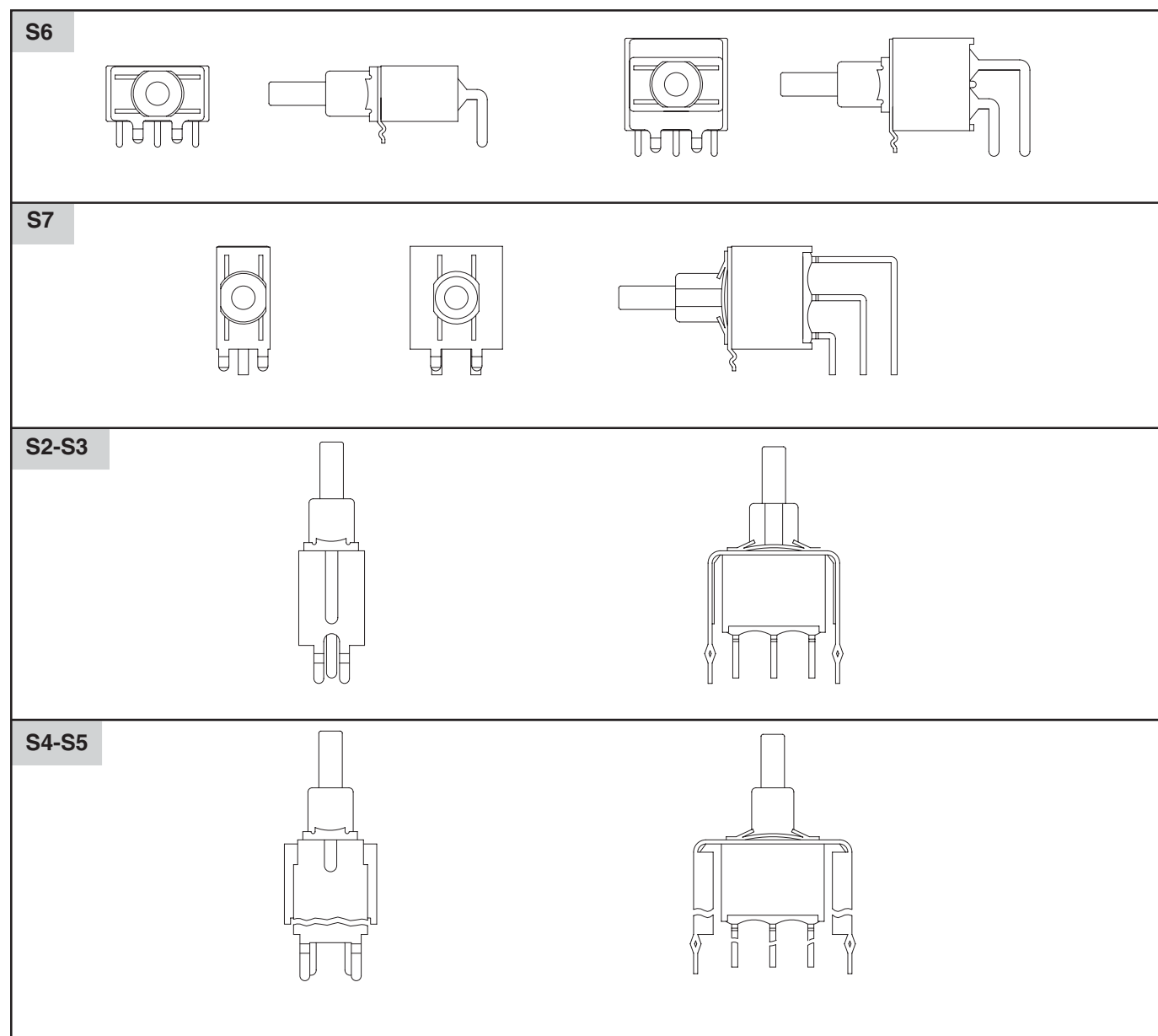


TERMINATION OPTIONS (CONT.) IN INCHES (AND MILLIMETERS)



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