



GRAYHILL

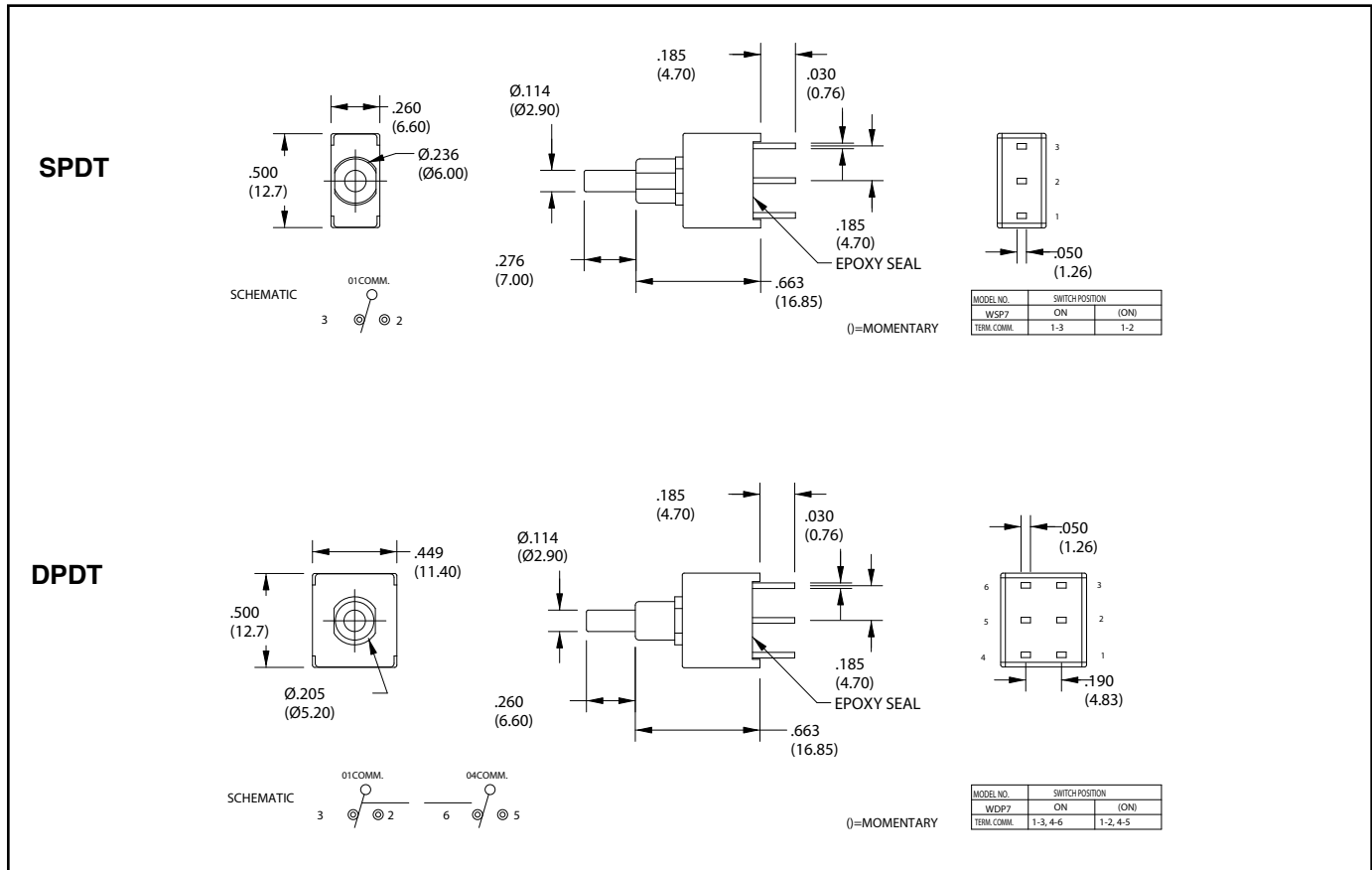
SERIES 38E Sealed Snap Action Miniature Pushbutton Switches

FEATURES

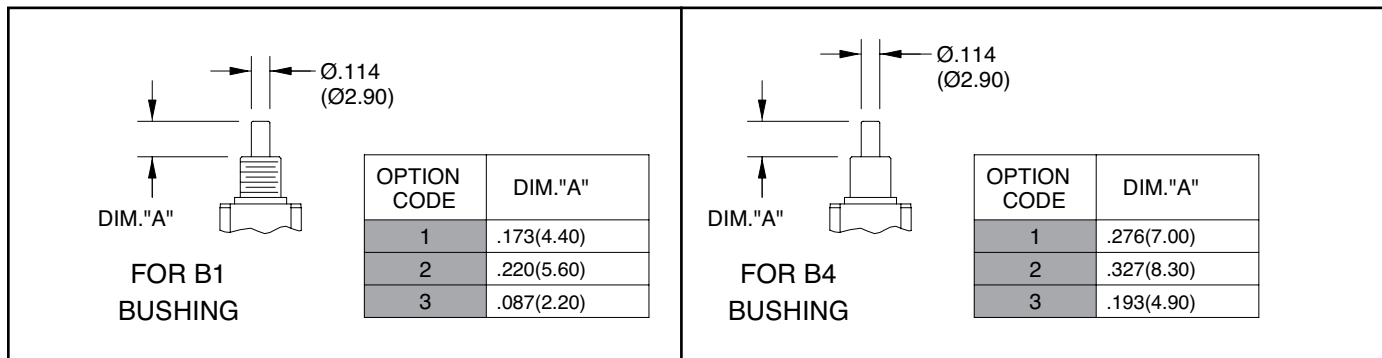
- SPDT and DPDT Circuitry
- Choice of Bushings, and Terminations
- UL Recognized
- IP-68 Degree of Protection
- RoHS Compliant



DIMENSIONS in inches (and millimeters)

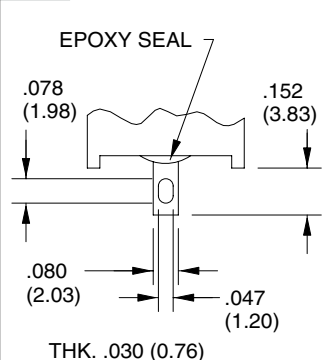
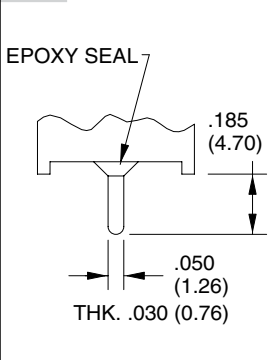
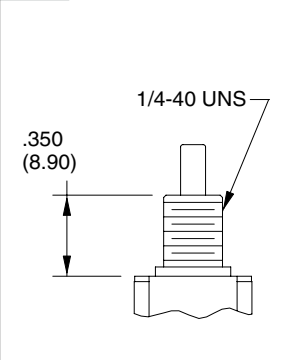
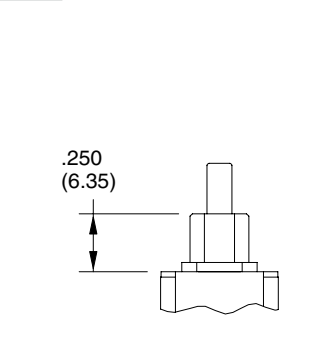


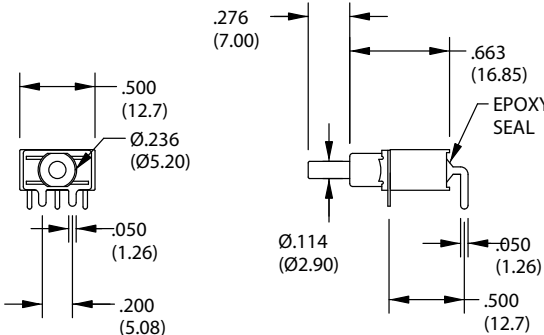
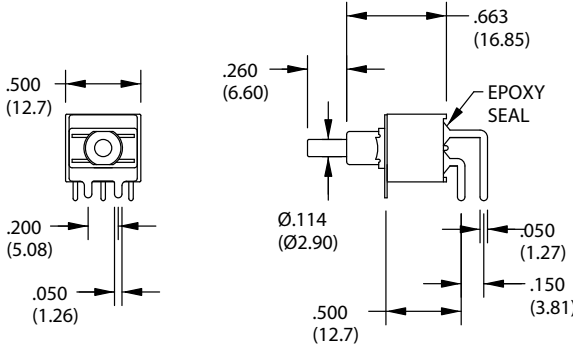
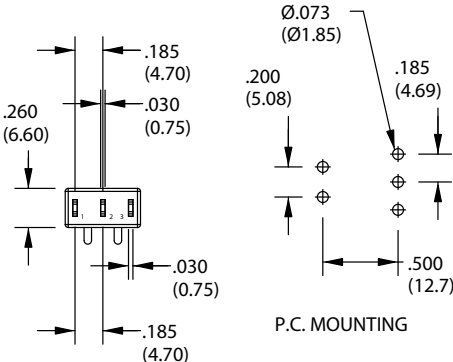
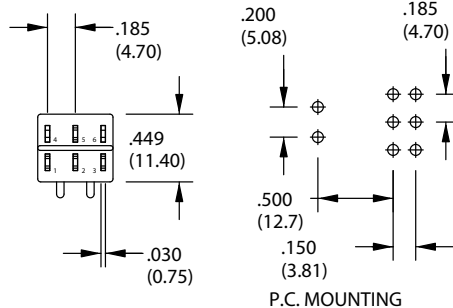
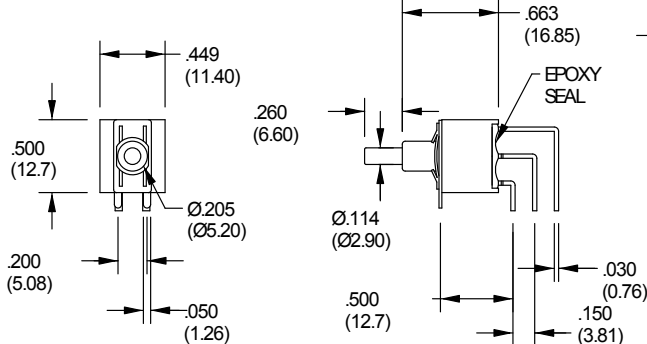
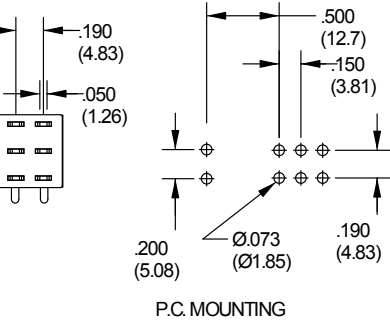
PLUNGER OPTIONS in inches (and millimeters)





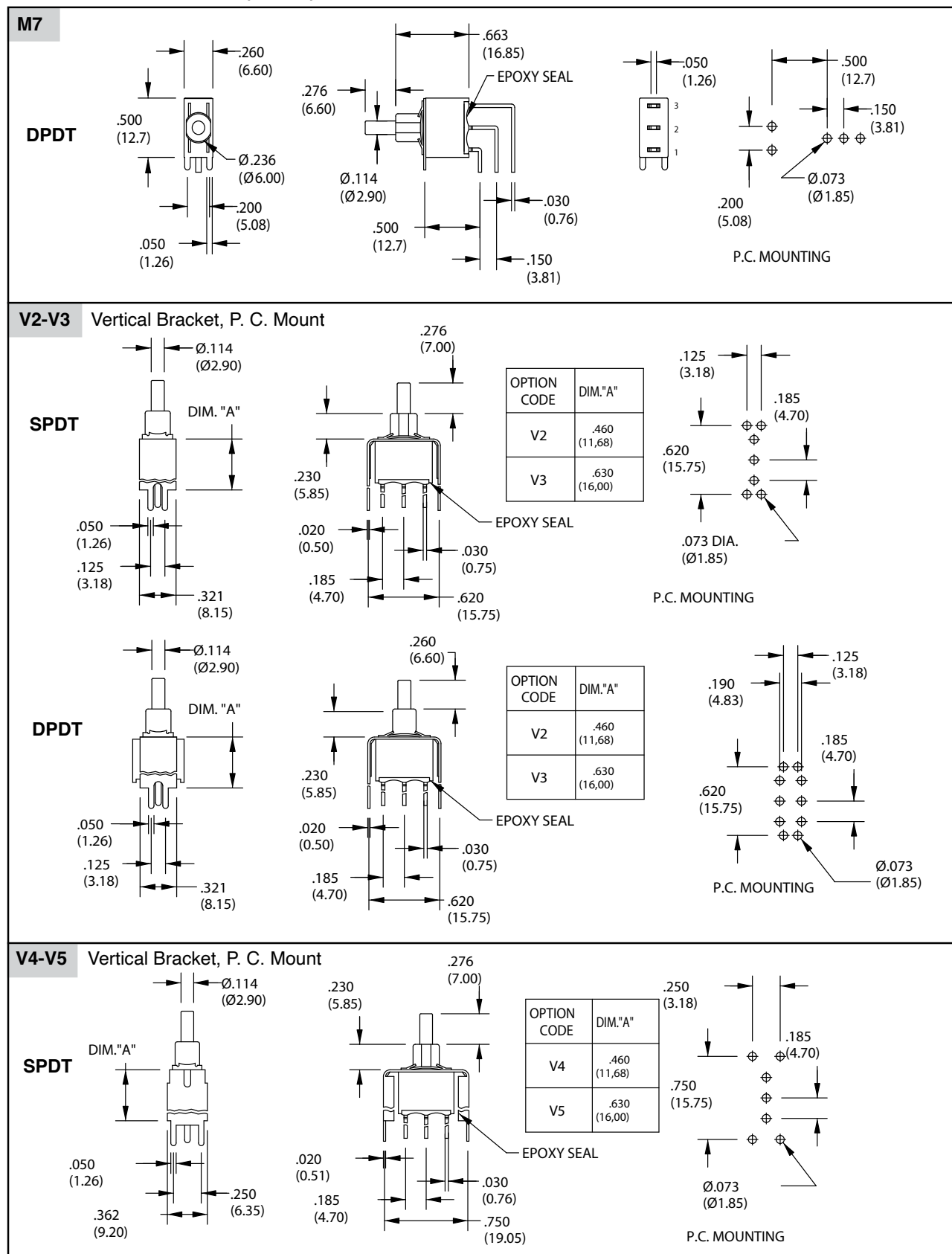
BUSHING OPTIONS in inches (and millimeters)

M1 Solder Lug (Std)	M2 P. C. Mount	B1	B4
			

M6	Right Angle P. C. Mount, Horizontal
SPDT	
DPDT	
	
	
M7	Right Angle P.C. Mount, Vertical
SPDT	
	

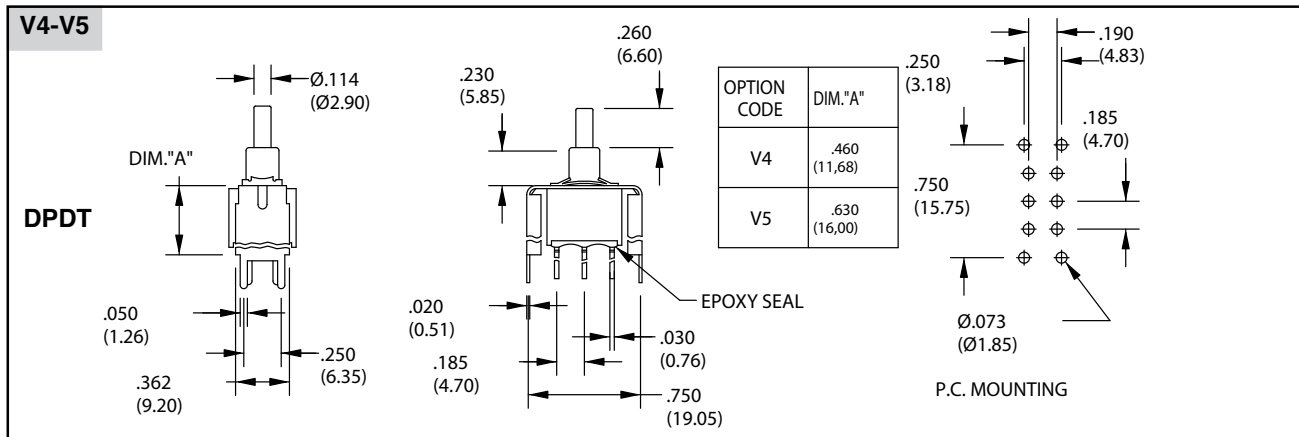


TERMINATION OPTIONS (CONT.) in inches (and millimeters)



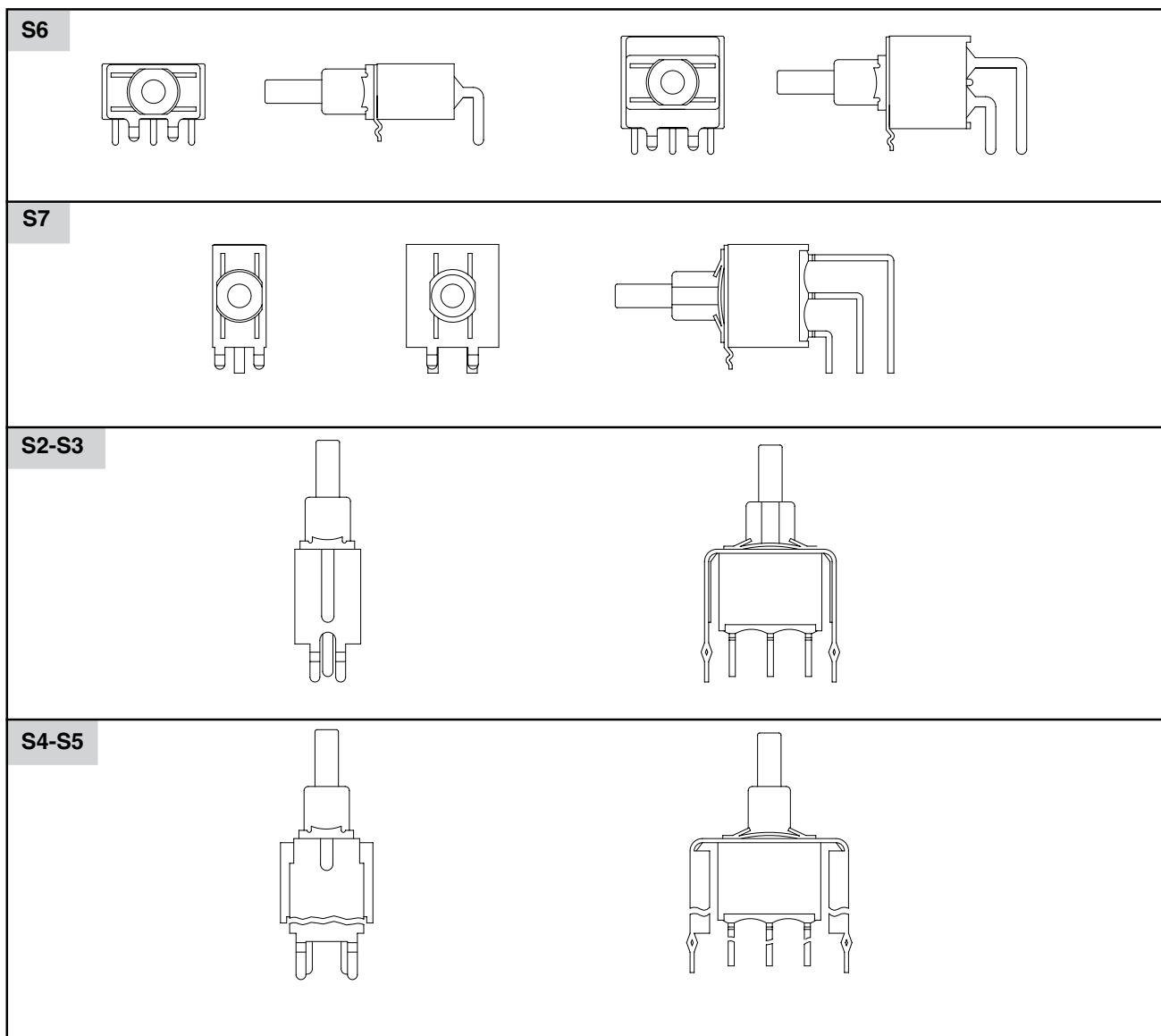


TERMINATION OPTIONS (CONT.) in inches (and millimeters)



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