

SERIES 34D
Sealed Sub-Miniature Toggle Switches

FEATURES

- Save Space and Weight
- SPDT and DPDT Circuitry
- Choice of Actuators, Bushings, and Terminations
- Sealed per IP67



MODELS In inches (and millimeters)

SPDT

Model No.	Switching Position		
	↙	↔	↘
WMSP1	ON	NONE	ON
WMSP2	ON	NONE	(ON)
WMSP3	ON	OFF	ON
WMSP4	(ON)	OFF	(ON)
WMSP5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

()=MOMENTARY

SCHEMATIC

DPDT

Model No.	Switching Position		
	↙	↔	↘
WMDP1	ON	NONE	ON
WMDP2	ON	NONE	(ON)
WMDP3	ON	OFF	ON
WMDP4	(ON)	OFF	(ON)
WMDP5	ON	OFF	(ON)
Term. Comm.	2-3 5-6	OPEN	2-1 5-4

()=MOMENTARY

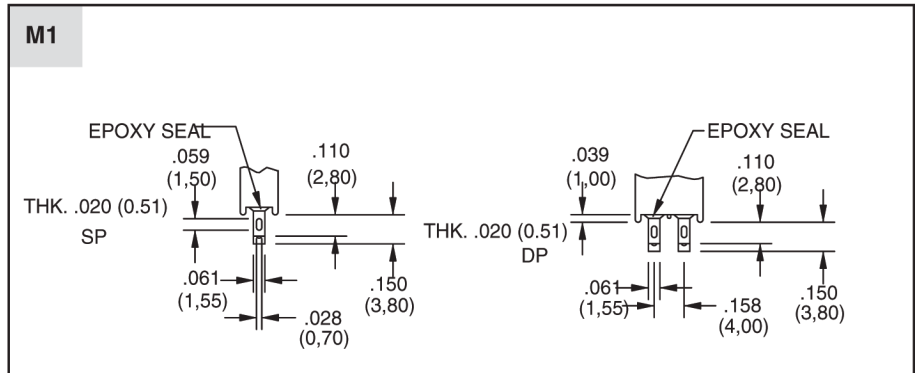
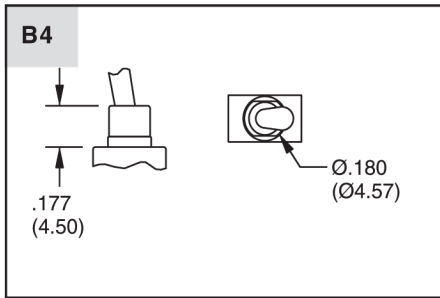
SCHEMATIC

ACTUATOR OPTIONS In inches (and millimeters)

<p>1</p>	<p>2 Std</p>	<p>3</p>	<p>4</p>	<p>5 ESD Resistant Plastic Toggle</p>	<p>6 ESD Resistant Plastic Toggle</p>
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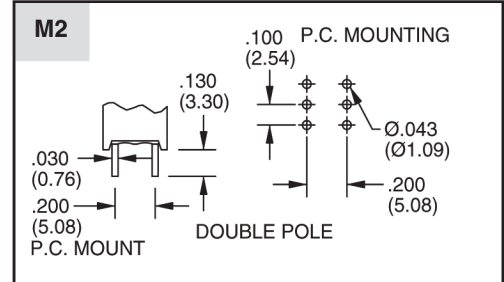
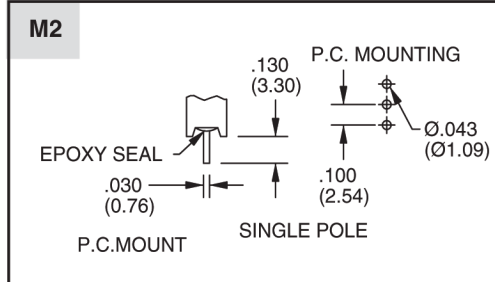
Toggle Switches

BUSHING OPTION In inches (and millimeters)

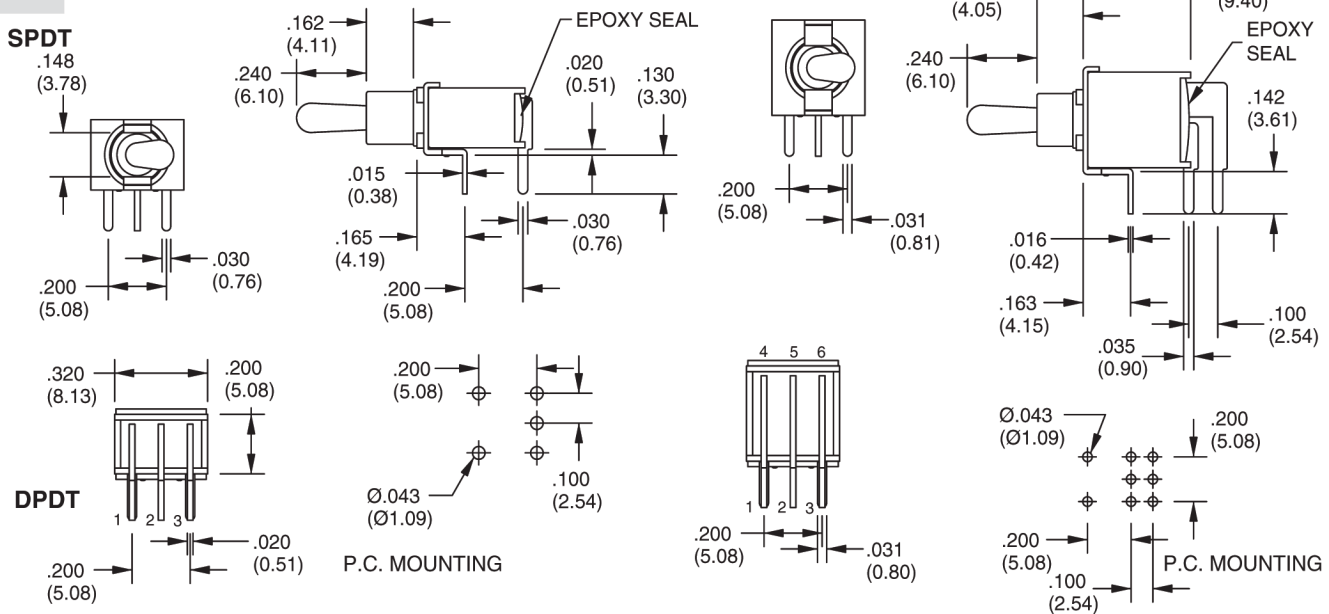


TERMINATION OPTIONS

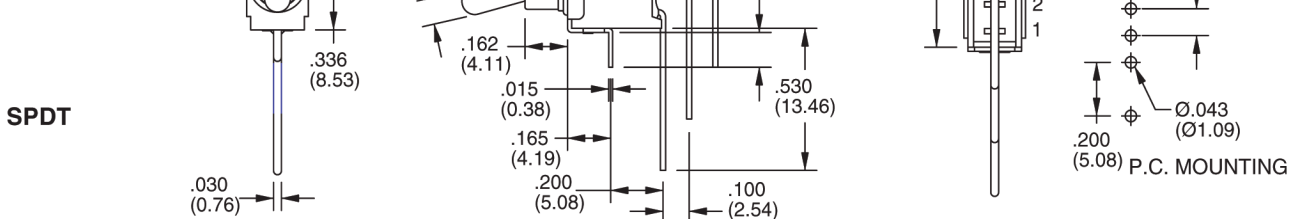
In inches (and millimeters)



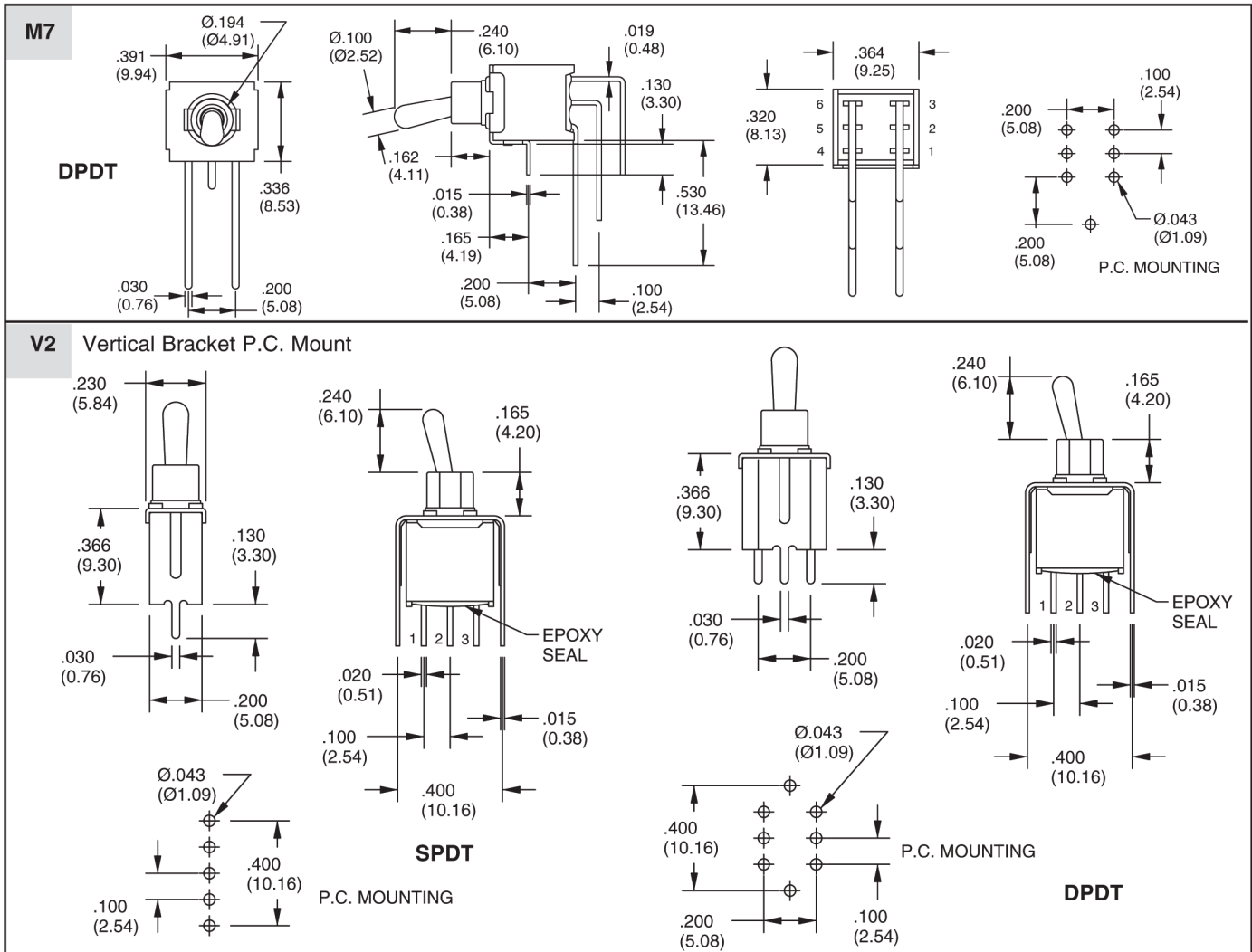
M6 Right Angle P.C. Mount, Horizontal Actuation



M7 Right Angle P.C. Mount, Vertical Actuation



TERMINATION OPTIONS In inches (and millimeters)



SPECIFICATIONS RATINGS

Contact Rating: Q option - 3A with resistive load @ 125VAC or 28 VDC; 1.5A with resistive load @ 250 VAC. R option-0.4 VA max @ 20 Vmax (AC or DC)
Electrical Life: 30,000 make-and-break cycles at full load

Contact Resistance: 20 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)
Toggle Handle: Brass, chrome plated
Bushing: Brass, nickel plated
Housing: Stainless steel
Terminal/Switch Support: Brass, electroplated
Contacts & Terminals: Copper alloy, gold plate over nickel plate or silver plate
Terminal Seal: Epoxy

ORDERING INFORMATION

Series 34B Sealed Sub-Miniature Toggle Switches
 Model: SPDT: WMSP1, WMSP2, WMSP3, WMSP4, WMSP5
 DPDT: WMDP1, WMDP2, WMDP3, WMDP4, WMDP5
 (See model no. for switching positions)
 Actuator: 1, 2, 3, 4, 5, 6 (See Actuator options)
 Bushing Option: B4 (See Bushing option)

34DWMSP12B4M2RT

RoHS Compliant
 Contact: R = Copper alloy, gold plate over nickel plate,
 Q = Copper alloy, gold plate over silver plate
 Termination Options: M1, M2, M6, M7, V2
 (See termination options)

Toggle Switches