

SERIES 34C

Sub-Miniature Toggle Switches

FEATURES

- Save Space and Weight
- SPDT and DPDT Circuitry
- Choice of Actuators, Bushings, and Terminations
- UL Recognized

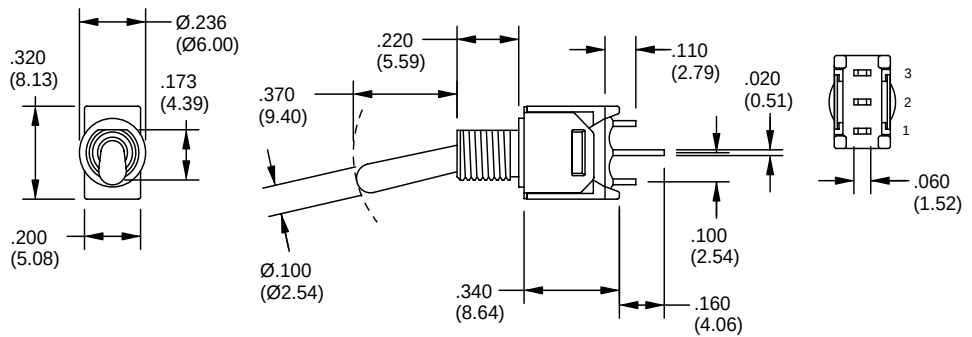


MODELS In inches (and millimeters)

SPDT

MODEL NO.	SWITCH POSITION		
MSP1	ON	NONE	ON
MSP2	ON	NONE	(ON)
MSP3	ON	OFF	ON
MSP4	(ON)	OFF	(ON)
MSP5	ON	OFF	(ON)
TERM. COMM.	2-3	OPEN	2-1

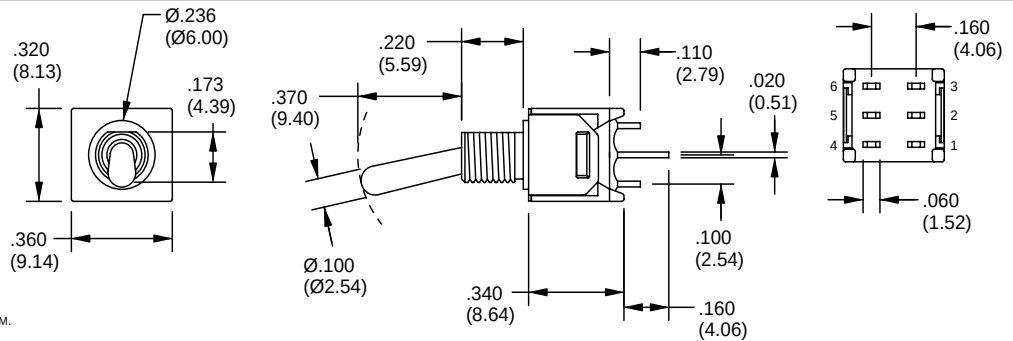
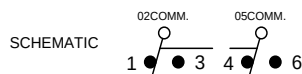
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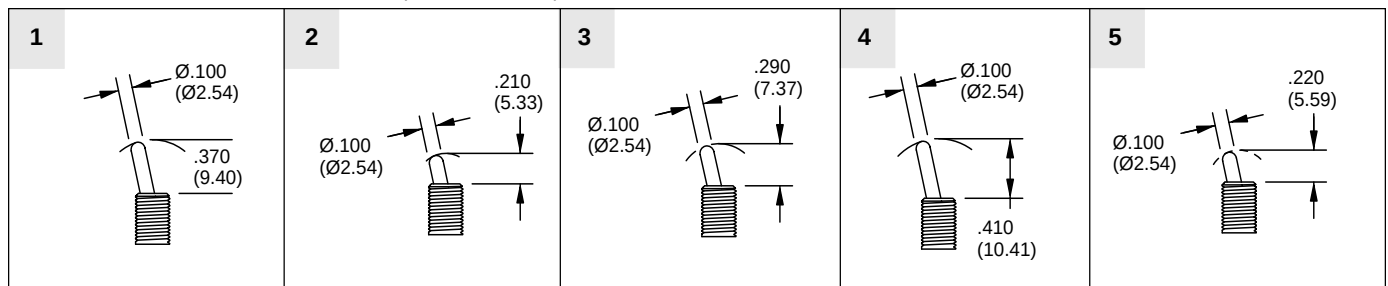
DPDT

MODEL NO.	SWITCH POSITION		
MDP1	ON	NONE	ON
MDP2	ON	NONE	(ON)
MDP3	ON	OFF	ON
MDP4	(ON)	OFF	(ON)
MDP5	ON	OFF	(ON)
TERM. COMM.	2-3, 5-6	OPEN	2-1, 5-4

()=MOMENTARY



ACTUATOR OPTIONS In inches (and millimeters)



BUSHING OPTIONS In inches (and millimeters)

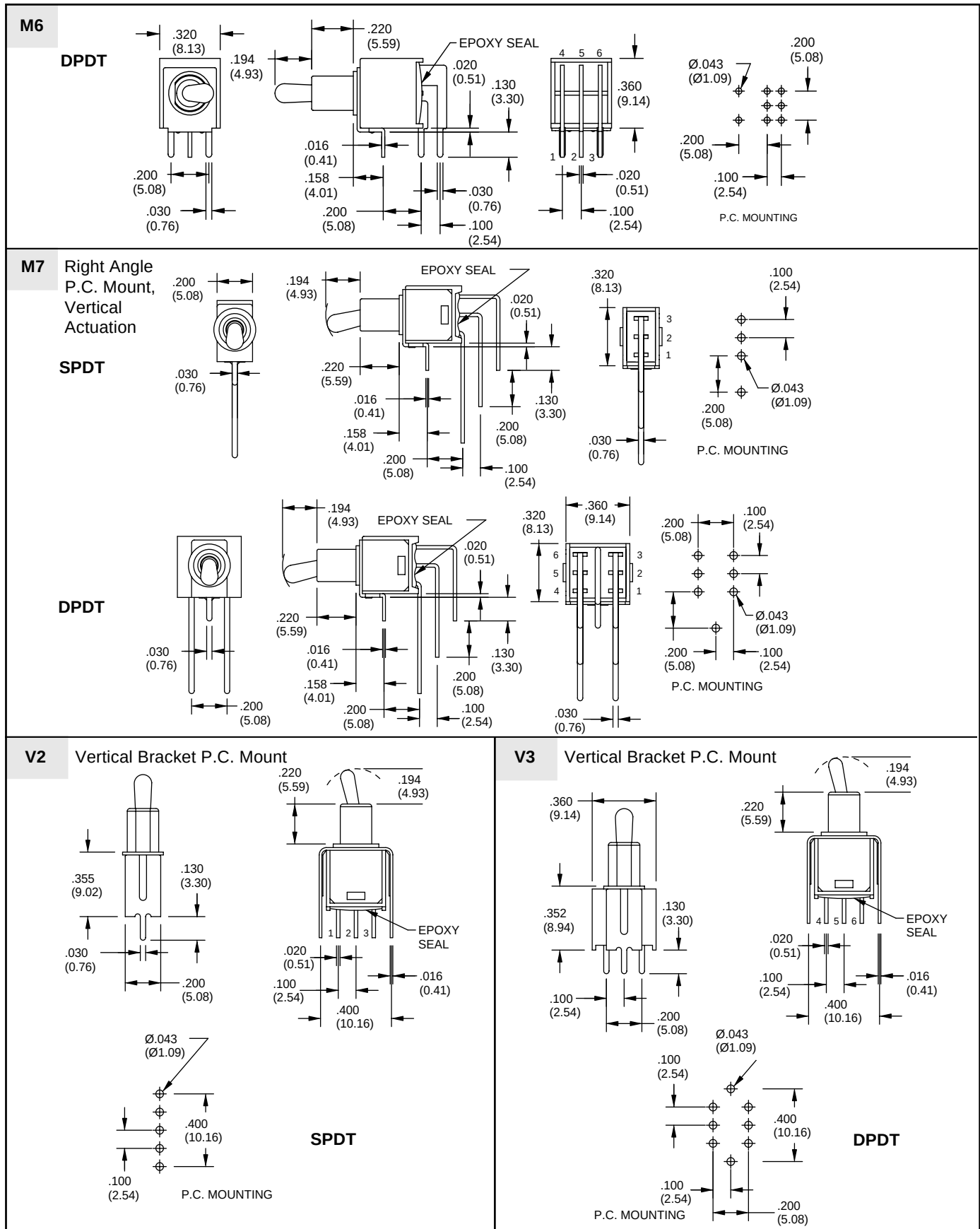
B1 Thd (Std) B2 Non-Thd		B3 Thd (Std) B4 Non-Thd	
B5 Thd (Std) B6 Non-Thd		B7 Thd (Std) B8 Non-Thd	

PANEL MOUNTING In inches (and millimeters)

10-48 Bushing WITHOUT LOCKING RING WITH STD. LOCKING RING	1/4" Bushing WITHOUT LOCKING RING WITH STD. LOCKING RING
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TERMINATION OPTIONS In inches (and millimeters)

M1 Solder Lug	M2 P.C. Mount (Std)
THK. .020 (0.51) SP THK. .020 (0.51) DP	THK. .020 (0.51) SP THK. .020 (0.51) DP
M6 Right Angle P.C. Mount, Horizontal Actuation	
SPDT P.C. MOUNTING	

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: 10 milliohms max. initial @ 2-4 VDC, 100 mA

Insulation Resistance: 1,000 megaohms minimum

Dielectric Strength: 1,000 V RMS @ sea level

Operating Temperature: -30°C to 85°C

MATERIALS

Case: Diallyl phthalate (DAP) (UL 94V-0)

Toggle Handle: Brass, chrome plated

Bushing: Brass, nickel plated

Housing: Stainless steel

Terminal/Switch Support: Brass, electrotin plated

Terminal Seal: Epoxy

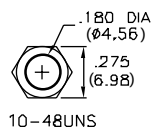
ORDERING INFORMATION

SERIES	MODEL NO.	ACTUATOR	BUSHING	TERMINATION	CONTACT	SEAL
34C	MSP1	2	B4	M2	R	E
34C = Sub-Miniature Toggle Switches	Options: MSP1, MSP2, MSP3, MSP4, MSP5, MDP1, MDP2, MDP3, MDP4, MDP5 (see models for switching positions)	Options: 1, 2, 3, 4, 5 (see actuator options)	Options: B1, B2, B3, B4, B5, B6, B7, B8 (see bushing options)	Options: M1, M2, M6, M7, V2, V3 (see termination options)	R = Copper alloy, gold plate over nickel plate. Q = Copper alloy, silver plated	E = Epoxy seal
Example Part Number: 34CMSP12B4M2RE						

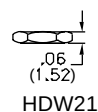
Available from your local Grayhill Component Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

HARDWARE In inches (and millimeters)

NUT

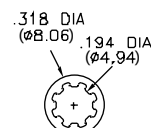


10-48UNS



HDW21

LOCK WASHER



THK
(0.54) .021

HDW22