

SERIES 34C

Sub-Miniature Toggle Switches

FEATURES

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

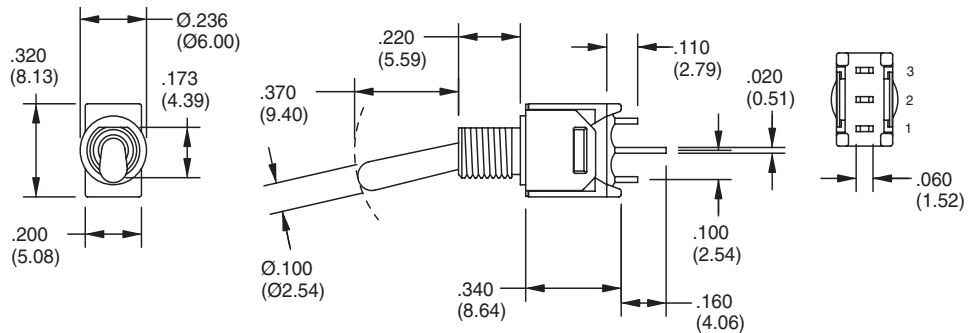


MODELS In inches (and millimeters)

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

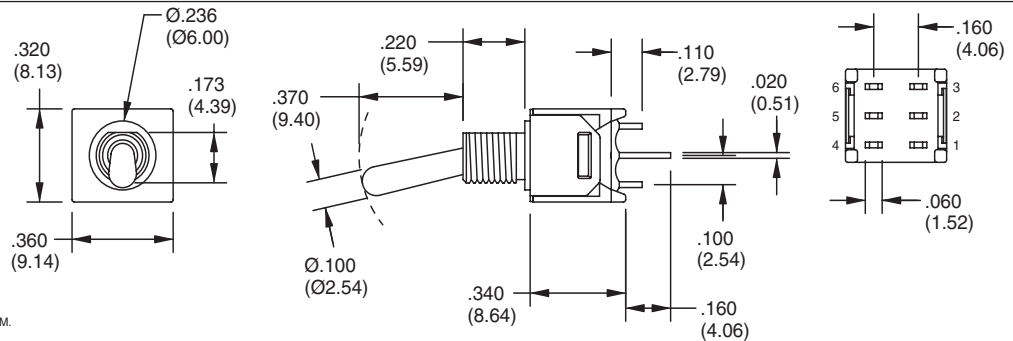
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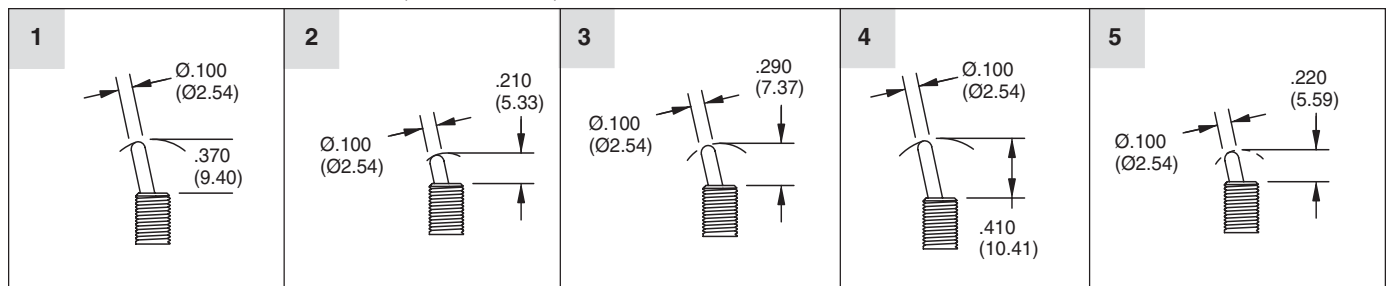
DPDT

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)



Actuator options 1, 2 and 3 shown with B1 to B4 bushing, subtract 0.90 (2.29) for bushing B5, subtract 0.40 (1.02) for B7 bushing.

Actuators 4 and 5 shown with B5 and B6 bushing, add 0.90 (2.29) for bushing B1 to B3, add 0.50 (1.27) for B7 bushing.

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	

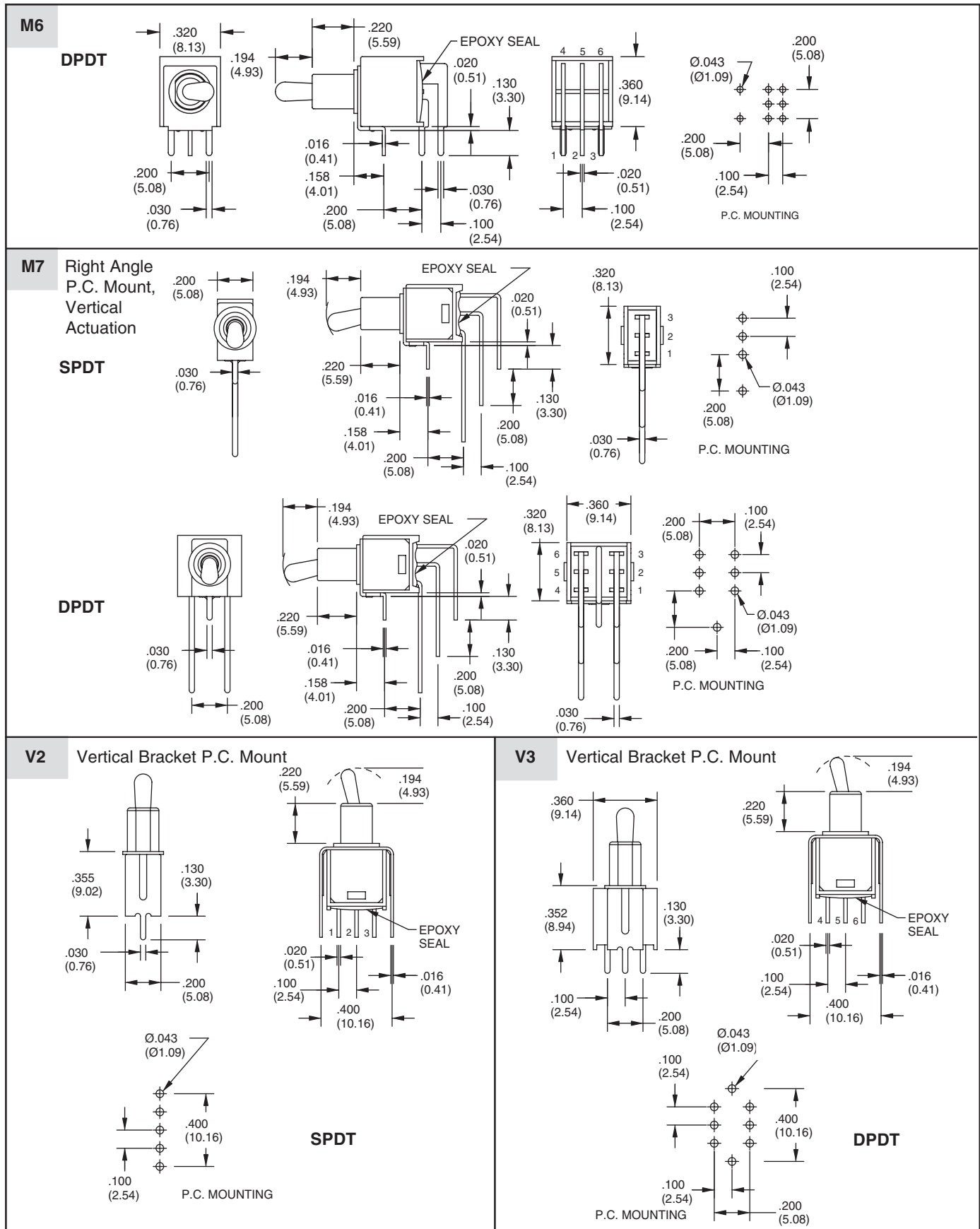
PANEL MOUNTING In inches (and millimeters)

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

UL Recognition: File number is E35289

MATERIALS

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

Toggle Handle: Brass, chrome plated

Bushing: Brass, nickel plated

Housing: Stainless steel

Terminal/Switch Support: Brass, electroplated

Terminal Seal: Epoxy

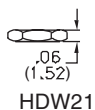
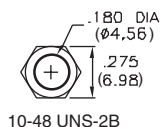
ORDERING INFORMATION

Series 34C Sub-Miniature Toggle Switches
 Model: SPDT: MSP1, MSP2, MSP3, MSP4, MSP5
 DPDT: MDP1, MDP2, MDP3, MDP4, MDP5
 (See Model options.)
 Actuator: 1, 2, 3, 4, 5 (See Actuator options.)
 Bushing Option: B1, B2, B3, B4, B5, B6, B7, B8
 (See Bushing options.)
 RoHS Compliant
 Contact: R = Copper alloy, gold plate over nickel plate,
 Q = Copper alloy over silver plate
 Termination Options: M1, M2, M6, M7, V2, V3
 (See Termination options.)

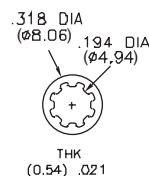
Available from your local Grayhill Component Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

HARDWARE In inches (and millimeters)

NUT



LOCK WASHER



HDW22