

**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

( )=MOMENTARY

SCHEMATIC

**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

SCHEMATIC

**ACTUATOR OPTIONS** In inches (and millimeters)

**1**

**2**

**3**

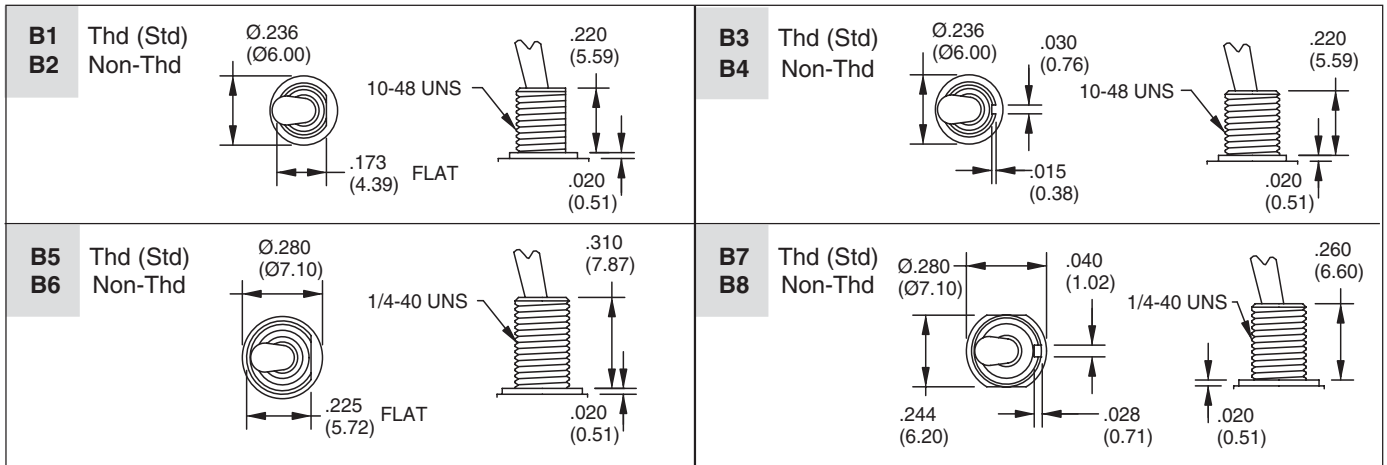
**4**

**5**

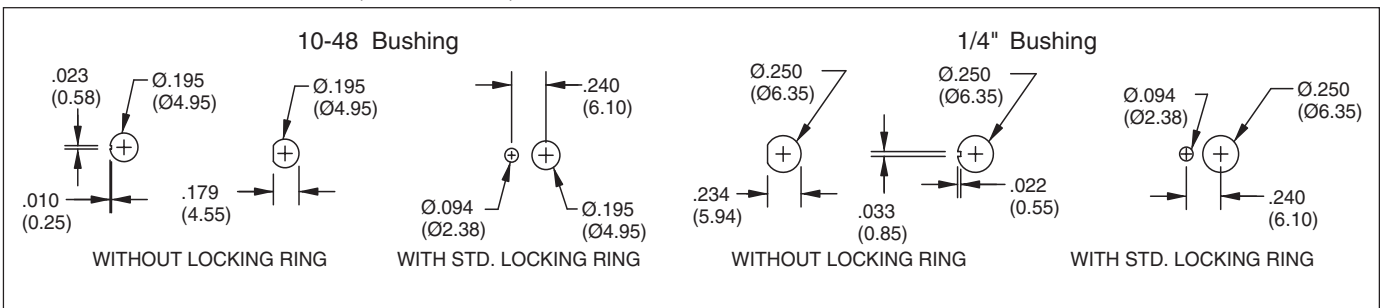
Actuator options 1, 2 and 3 shown with B1 to B4 bushing, subtract 0.90 (2.29) for bushing B5, subtract 0.40 (1.02) for B7 bushing.

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.

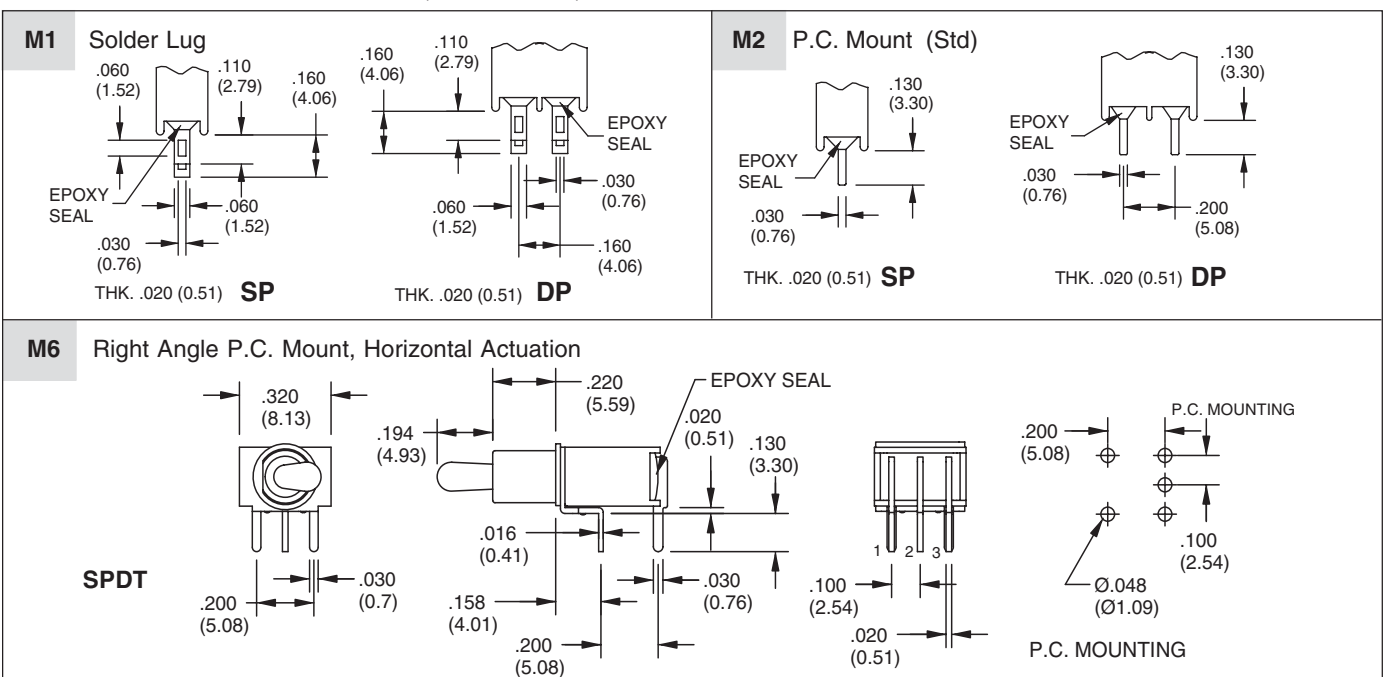
**BUSHING OPTIONS** In inches (and millimeters)



**PANEL MOUNTING** In inches (and millimeters)



**TERMINATION OPTIONS** In inches (and millimeters)



TERMINATION OPTIONS In inches (and millimeters)



Toggle Switches

**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

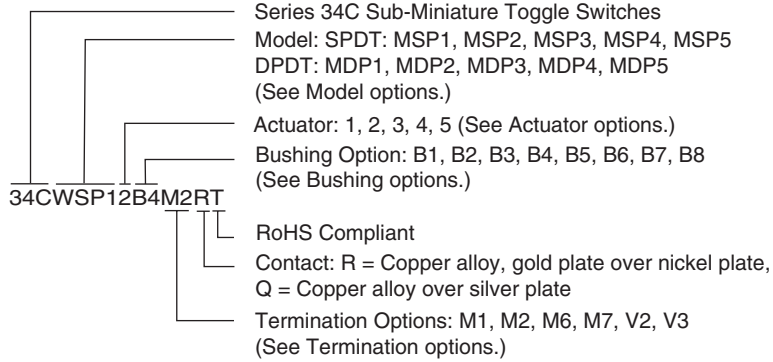
**Bushing:** Brass, nickel plated

**Housing:** Stainless steel

**Terminal/Switch Support:** Brass, electrotin plated

**Terminal Seal:** Epoxy

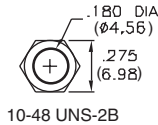
**ORDERING INFORMATION**



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**



10-48 UNS-2B



HDW21

**LOCK WASHER**



THK (0.54) .021

HDW22

# Mouser Electronics

Authorized Distributor

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[34CMDP11B7M1RT](#) [34CMDP15B1M7RT](#) [34CMDP12B2M6RT](#) [34CMDP14B5M2RT](#) [34CMDP15B2M6RT](#)  
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