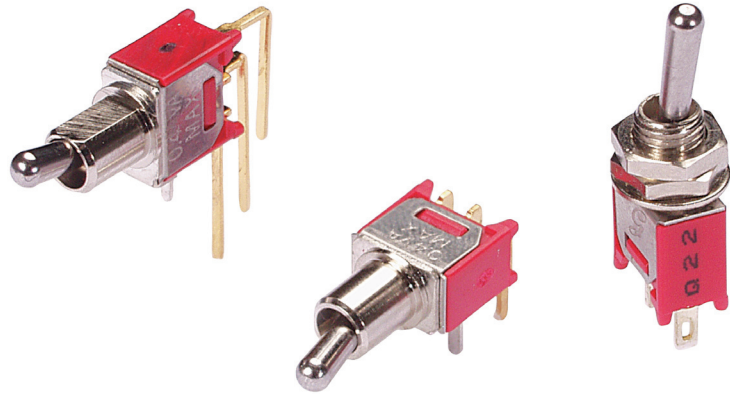


SERIES 34C Sub-Miniature Toggle Switches

FEATURES

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

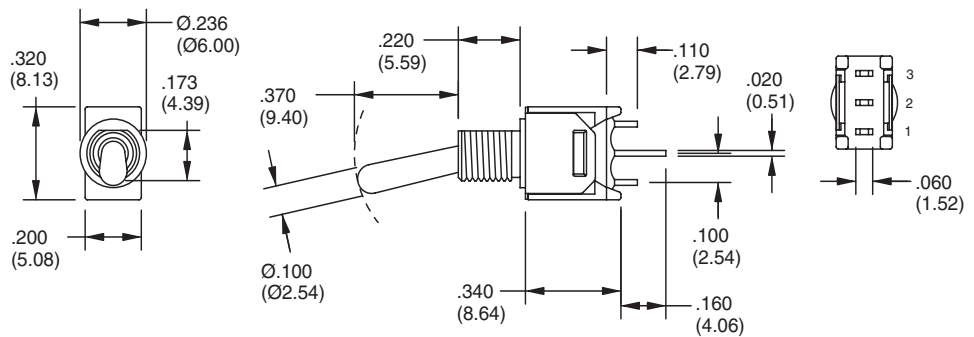


MODELS in inches (and millimeters)

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

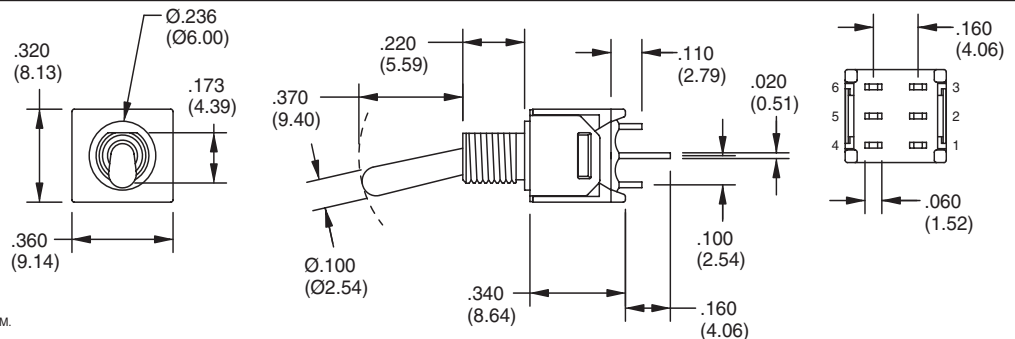
()=MOMENTARY



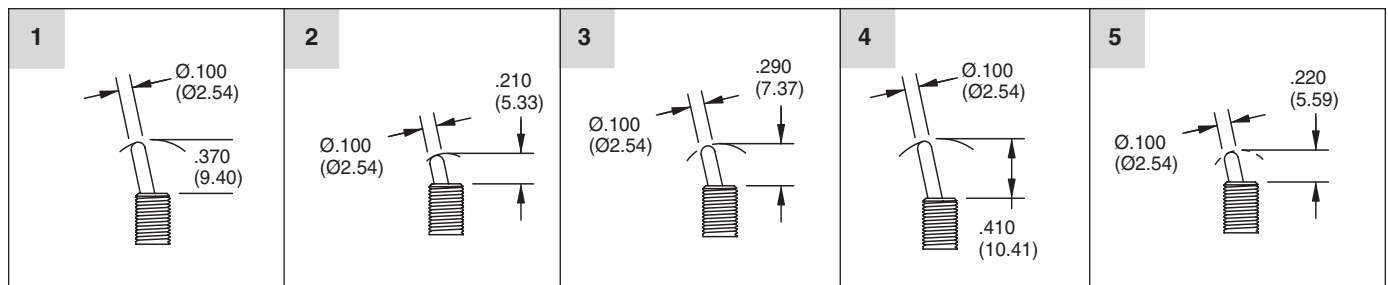
DPDT

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

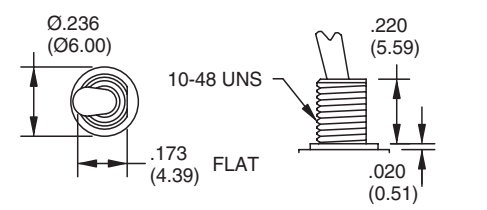
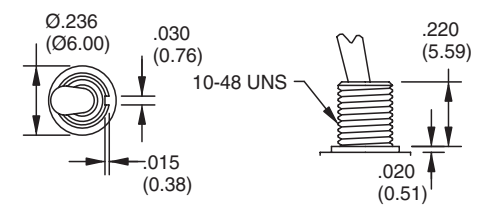
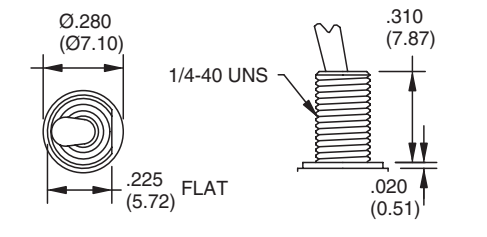
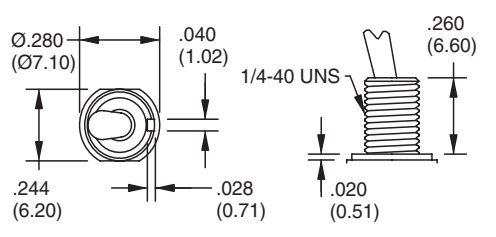


ACTUATOR OPTIONS in inches (and millimeters)

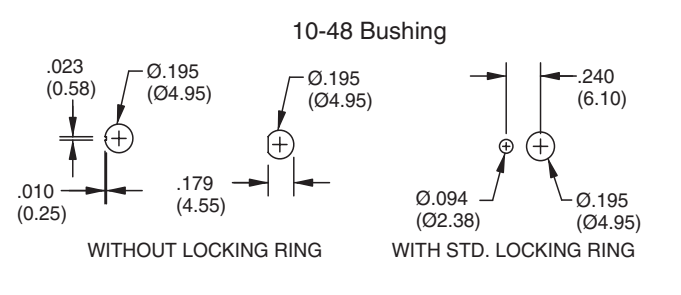
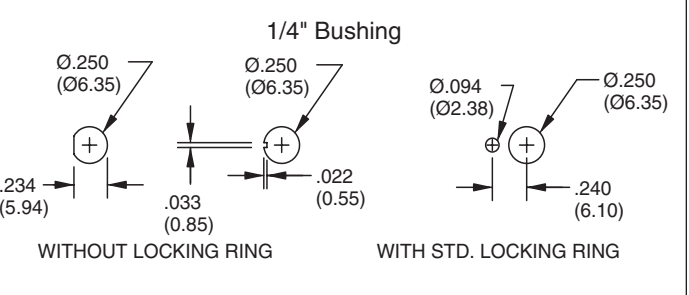


Actuator options 1, 2 and 3 shown with B1 to B4 bushing, subtract 0.90 (2.29) for bushing B5, subtract 0.40 (1.02) for bushing B7. Actuators 4 and 5 shown with B5 and B6 bushing, add 0.90 (2.29) for bushing B1 to B3, add 0.50 (1.27) for bushing B7.

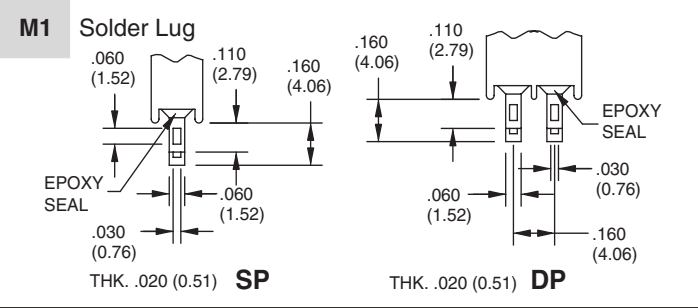
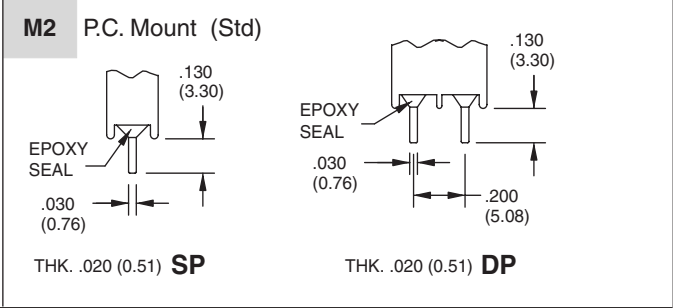
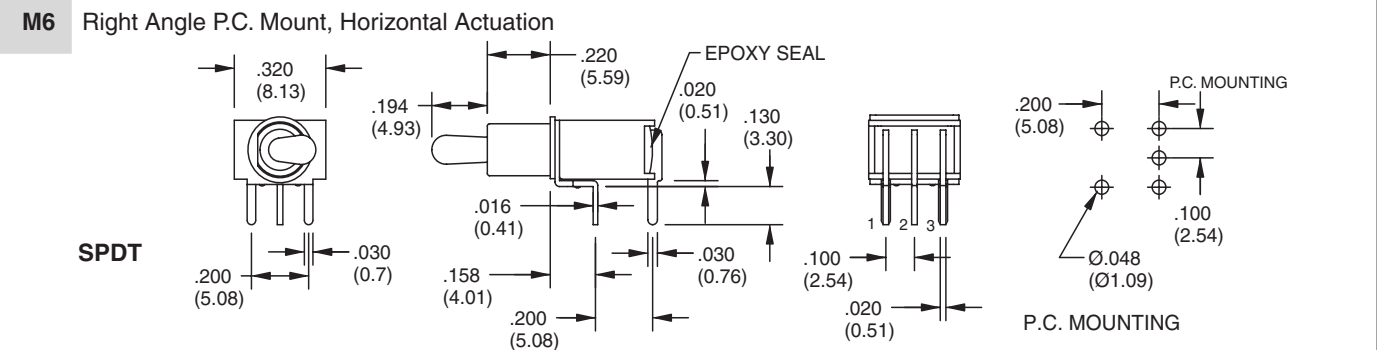
BUSHING OPTIONS in inches (and millimeters)

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

TERMINATION OPTIONS in inches (and millimeters)

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



SPECIFICATIONS

RATINGS

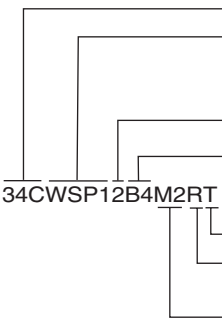
Contact Rating: Q option - 3A with resistive load @ 125VAC or 28 VDC; 1.5A with resistive load @ 250 VAC. R option-0.4 VA max @ 20 Vmax (AC or DC)
Electrical Life: 30,000 make-and-break cycles at full load
Contact Resistance: 10 milliohms max. initial @ 2-4 VDC, 100 mA

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

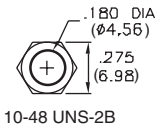


Series 34C Sub-Miniature Toggle Switches
Model: SPDT: MSP1, MSP2, MSP3, MSP4, MSP5
DPDT: MDP1, MDP2, MDP3, MDP4, MDP5
(See Model options.)
Actuator: 1, 2, 3, 4, 5 (See Actuator options.)
Bushing Option: B1, B2, B3, B4, B5, B6, B7, B8
(See Bushing options.)
RoHS Compliant
Contact: R = Copper alloy, gold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

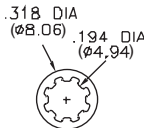


10-48 UNS-2B



HDW21

LOCK WASHER



THK
(0.54) .021

HDW22

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Grayhill:

<u>34CMSP12B2M6RT</u>	<u>34CMSP32B2M7RT</u>	<u>HDW21</u>	<u>34CMSP21B4M2RT</u>	<u>34CMSP43B2M7QT</u>	<u>34CMDP34B1M1RT</u>
<u>HDW22</u>	<u>34CMSP12B1M2QT</u>	<u>34CMSP12B2M2QT</u>	<u>34CMSP33B5M6RT</u>	<u>34CMSP13B1M2RT</u>	<u>34CMDP11B2M7RT</u>
<u>34CMSP11B1M2RT</u>	<u>34CMDP31B2M7QT</u>	<u>34CMSP13B8M7QT</u>	<u>34CMSP11B5M1RT</u>	<u>34CMDP31B1M7RT</u>	
<u>34CMSP11B2M7RT</u>	<u>34CMDP32B2M6RT</u>	<u>34CMDP14B5M6RT</u>	<u>34CMDP11B8V3RT</u>	<u>34CMSP52B2M2RT</u>	
<u>34CMDP35B1M7QT</u>	<u>34CMSP12B2M2RT</u>	<u>34CMSP13B2M6RT</u>	<u>34CMSP52B1M2RT</u>	<u>34CMDP14B3M1RT</u>	
<u>34CMSP31B4M2RT</u>	<u>34CMDP12B1V3RT</u>	<u>34CMSP51B4M2RT</u>	<u>34CMDP11B5M1RT</u>	<u>34CMSP12B2M7QT</u>	
<u>34CMDP34B5M2RT</u>	<u>34CMDP33B1M1RT</u>	<u>34CMDP54B5M1RT</u>	<u>34CMSP11B2V2QT</u>	<u>34CMSP41B2M2RT</u>	
<u>34CMSP53B5M2RT</u>	<u>34CMDP12B3M2QT</u>	<u>34CMSP41B4M2RT</u>	<u>34CMDP12B2M2RT</u>	<u>34CMSP11B2V2RT</u>	
<u>34CMSP52B2M2QT</u>	<u>34CMSP32B5M7RT</u>	<u>34CMDP11B1M1QT</u>	<u>34CMSP14B7V2RT</u>	<u>34CMDP31B2M2QT</u>	
<u>34CMDP12B4M1RT</u>	<u>34CMSP11B2M2QT</u>	<u>34CMSP41B5V2RT</u>	<u>34CMSP14B2M7RT</u>	<u>34CMSP31B2M7QT</u>	
<u>34CMSP34B3M6RT</u>	<u>34CMDP11B7M1RT</u>	<u>34CMSP12B1M7RT</u>	<u>34CMDP15B1M7RT</u>	<u>34CMSP14B2V2QT</u>	
<u>34CMSP11B8V2RT</u>	<u>34CMSP32B2M6RT</u>	<u>34CMSP12B1M2RT</u>	<u>34CMSP14B3M1QT</u>	<u>34CMSP12B1M1RT</u>	
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<u>34CMDP31B1M2RT</u>	<u>34CMSP33B2M6RT</u>	<u>34CMDP11B1M2RT</u>	<u>34CMSP11B2M7QT</u>	<u>34CMSP15B3M1RT</u>	
<u>34CMDP34B5M2QT</u>	<u>34CMDP13B2M6RT</u>	<u>34CMDP51B5M1RT</u>	<u>34CMSP41B1M1QT</u>	<u>34CMSP34B2M7RT</u>	
<u>34CMDP31B2M7RT</u>	<u>34CMSP31B1M1QT</u>	<u>34CMDP11B1V2RT</u>	<u>34CMDP23B1M2RT</u>	<u>34CMSP11B5V2RT</u>	
<u>34CMSP12B4M6RT</u>	<u>34CMSP11B1M1QT</u>	<u>34CMDP31B3M1RT</u>			