

SERIES 34A

Miniature Toggle Switches

FEATURES

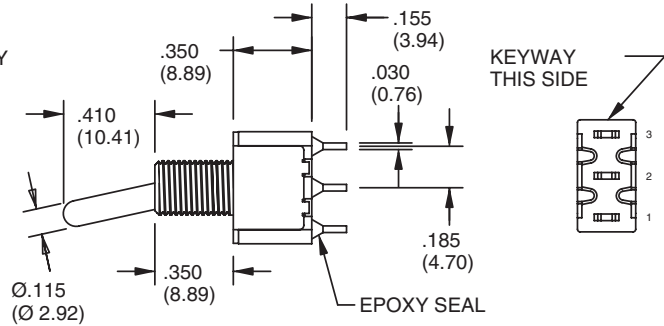
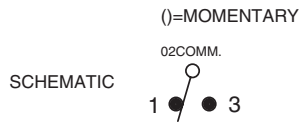
- Save Space and Weight
- SPDT, DPDT, 3PDT, and 4PDT Circuitry
- Choice of Actuators, Bushings and Terminations
- UL Recognized



MODELS In inches (and millimeters)

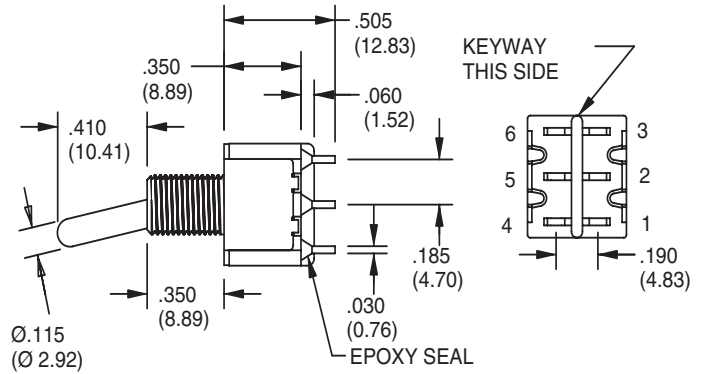
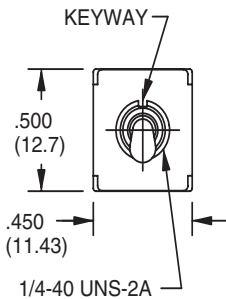
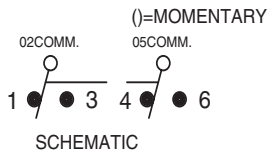
SPDT

MODEL NO.	SWITCH POSITION		
SP1	ON	NONE	ON
SP2	ON	NONE (ON)	
SP3	ON	OFF	ON
SP4	(ON)	OFF (ON)	
SP5	ON	OFF (ON)	
TERM. COMM.	2-3	OPEN	2-1



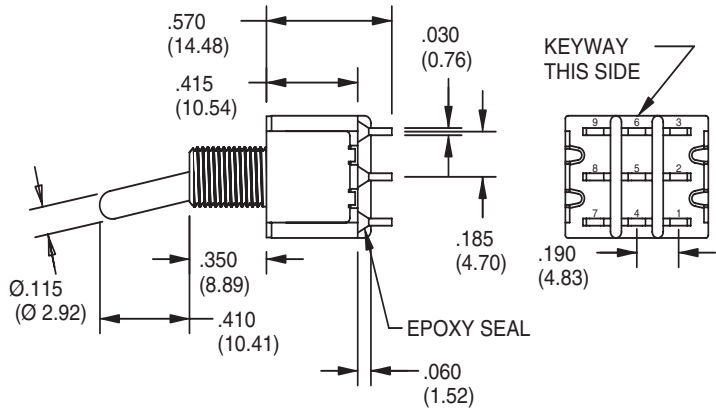
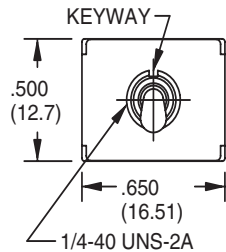
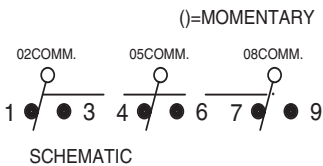
DPDT

MODEL NO.	SWITCH POSITION		
DP1	ON	NONE	ON
DP2	ON	NONE (ON)	
DP3	ON	OFF	ON
DP4	(ON)	OFF (ON)	
DP5	ON	OFF (ON)	
TERM. COMM.	2-3, 5-6	OPEN	2-1, 5-4



3PDT

MODEL NO.	SWITCH POSITION		
3P1	ON	NONE	ON
3P2	ON	NONE (ON)	
3P3	ON	OFF	ON
3P4	(ON)	OFF (ON)	
3P5	ON	OFF (ON)	
TERM. COMM.	2-3,5-6, 8-9	OPEN	2-1,5-4, 8-7



MODELS In inches (and millimeters)



ACTUATOR OPTIONS In inches (and millimeters)



Actuators 1-5 shown with standard B1 bushing. Add .070 (1.78) for B3, subtract .020 (0.51) for B6 bushing.

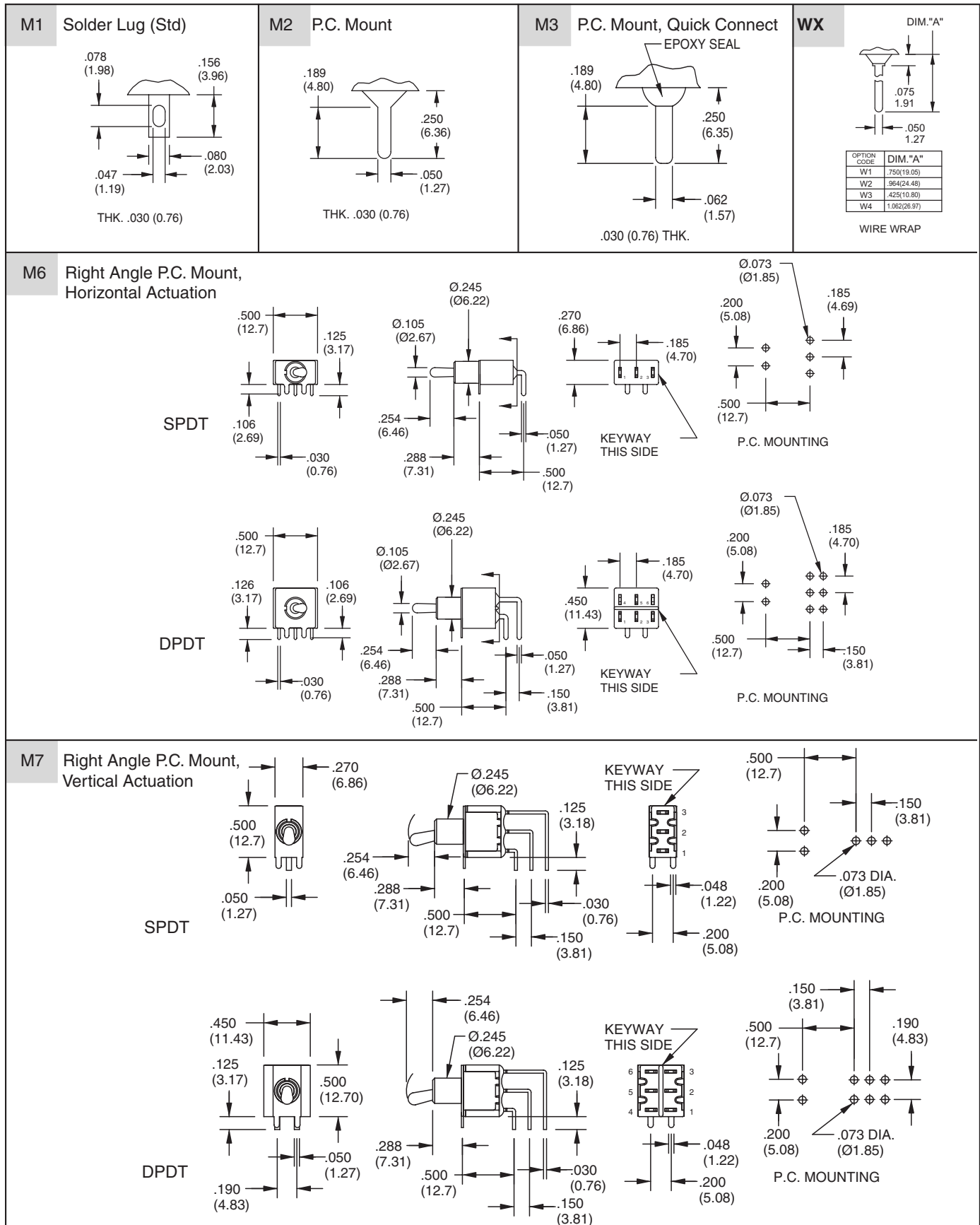
BUSHING OPTIONS In inches (and millimeters)

B1 B2 Thd (Std) Non-Thd .040 (1.02) Ø.244 (Ø6.20) .028 (0.71) 1/4-40 UNS-2A .350 (8.89)	B3 B4 Thd Non-Thd .040 (1.02) Ø.244 (Ø6.20) .028 (0.71) 1/4-40 UNS-2A .280 (7.10)	B5 High Torque .225 (5.72) Ø.314 (Ø7.98) .296 (7.52) 1/4-40 UNS-2A .020 (0.51) .040 (1.02)	B6 High Torque .040 (1.02) Ø.314 (Ø7.98) .028 (0.71) 1/4-40 UNS-2A .315 (8.00) .020 (0.51) .040 (1.02)	
B7 Long .225 (5.72) 1/4-40 UNS-2A .350 (8.89)	B8 Metric .040 (1.02) .028 (0.71) M6P 0.75 THD. .350 (8.89)	B9 Splash-Proof .465 DIA. (Ø11.81) .225 (5.72) .296 (7.52) 1/4-40 UNS-2A .020 (0.51) .057 (1.44) SEALS		
T1 .040 (1.02) .028 (0.71)	T2 1/4-40 UNS-2A .057 (1.44) .297 (7.55)	T5 .225 (5.72)	T6 1/4-40 UNS-2A .057 (1.44) .297 (7.55)	T7 .031 (0.79) .065 (1.65) .448 (11.38) .020 (0.51) 15/32-32 UNS-2A KEYWAY *FOR USE WITH ACTUATORS 7 AND 8 ONLY.

PANEL MOUNTING In inches (and millimeters)

1/4" BUSHING
15/32" BUSHING
METRIC BUSHING

TERMINATION OPTIONS In inches (and millimeters)



TERMINATION OPTIONS In inches (and millimeters)

M7 Right Angle P.C. Mount, Vertical Actuation



V2-V3 Vertical Bracket P.C. Mount



SPECIFICATIONS RATINGS

Contact Rating: Q option - 5A with resistive load @ 125VAC or 28 VDC; 2A with resistive load @ 250 VAC. R option-0.4 VA max @ 20 Vmax (AC or DC)
Electrical Life: 40,000 make-and-break cycles at full load

Contact Resistance: 10 milliohms max. initial @ 2-4 VDC, 100 mA for both gold & silver contacts
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) (UL94V-0)
Toggle Handle: Brass, chrome-plated
Bushing: Brass, nickel-plated
Housing: Stainless steel

ORDERING INFORMATION

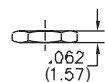
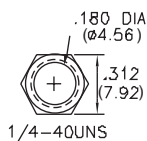


Available from your local Grayhill Component Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

HARDWARE In inches (and millimeters)

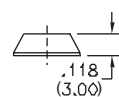
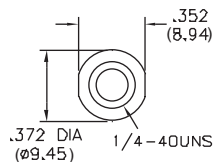
NUTS

Series 34A (Std)



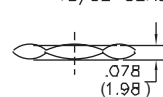
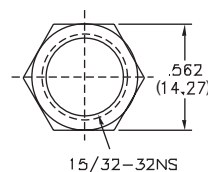
HDW2

Dress Nut



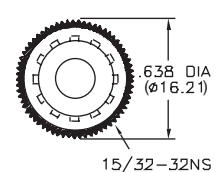
HDW3

For Actuator Options 7, 8 (Std)



HDW4

Knurled Nut (Sealed)



HDW5

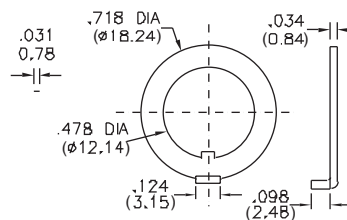
LOCKING RINGS

Series 34A (Std)



HDW15

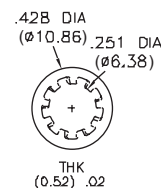
For Actuator Options 7, 8



HDW17

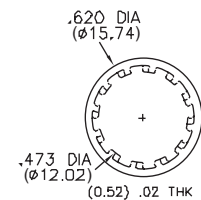
LOCK WASHERS

Series 34A (Std)



HDW11

For Actuator Options 7, 8



HDW12