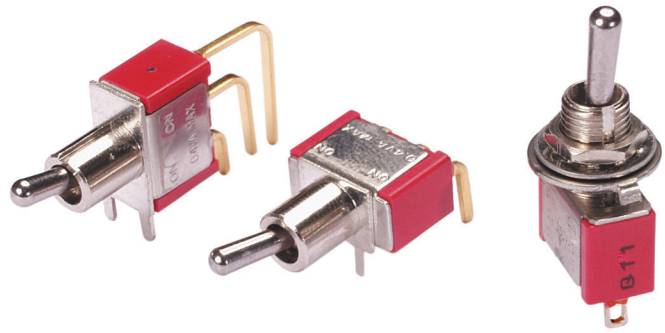


SERIES 34A Miniature Toggle Switches

FEATURES

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

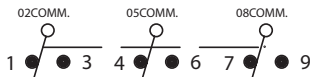


MODELS in inches (and millimeters)

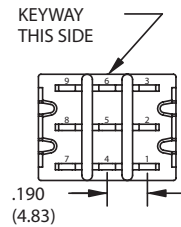
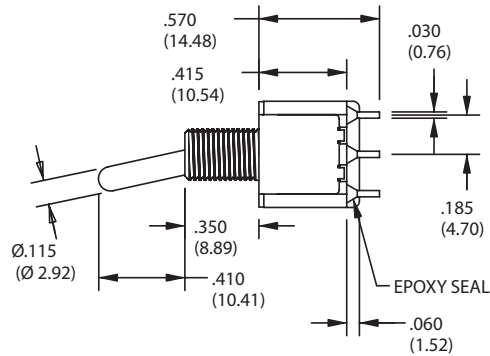
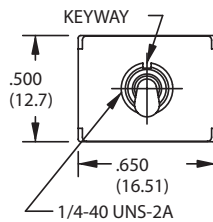
SPDT

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.	2-3,5-6	OPEN	2-1,5-4
	8-9		8-7

()=MOMENTARY



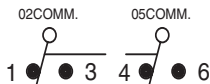
SCHEMATIC



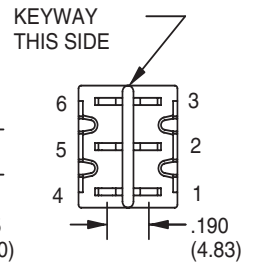
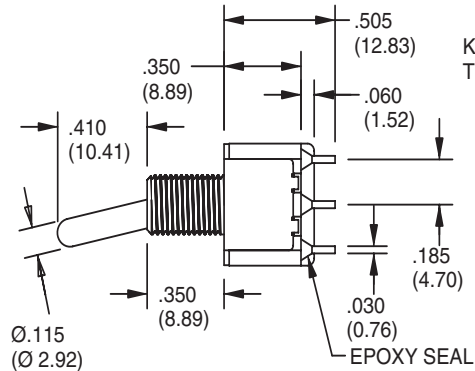
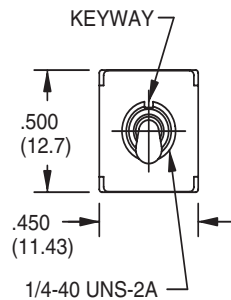
DPDT

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

()=MOMENTARY



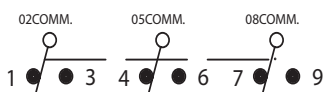
SCHEMATIC



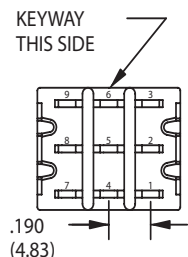
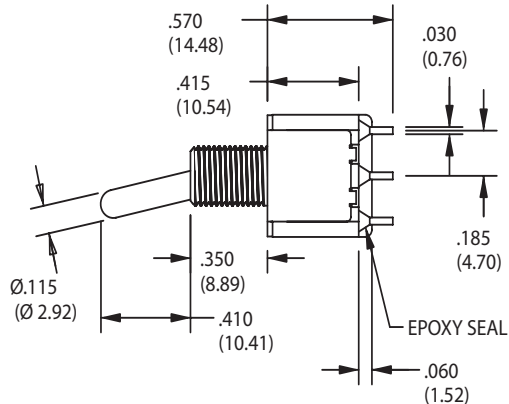
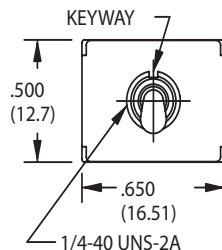
3PDT

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.	2-3,5-6	OPEN	2-1,5-4
	8-9		8-7

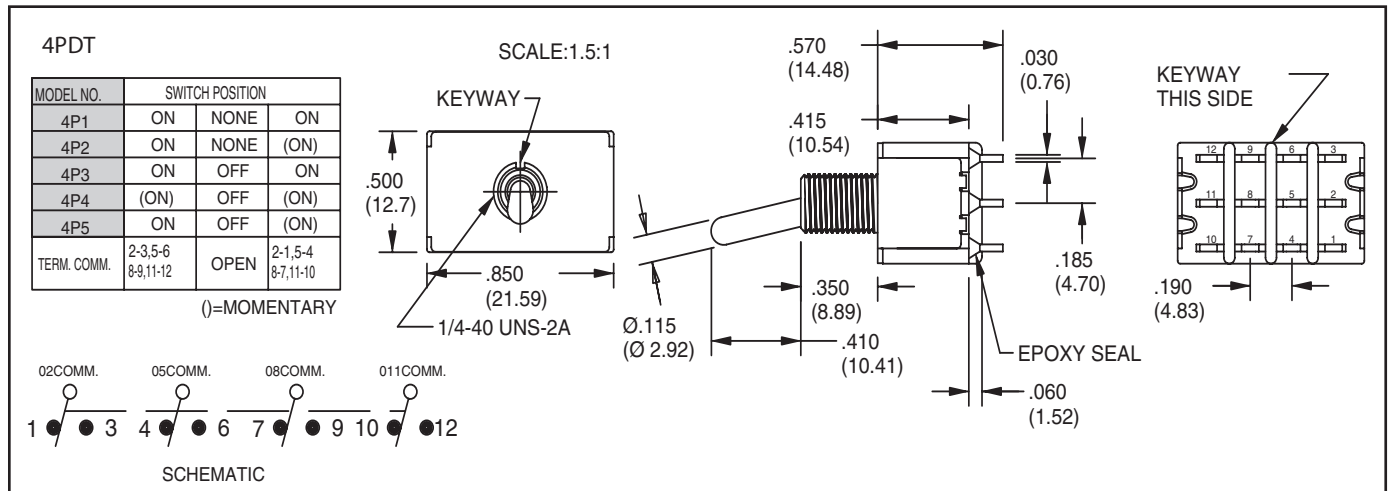
()=MOMENTARY



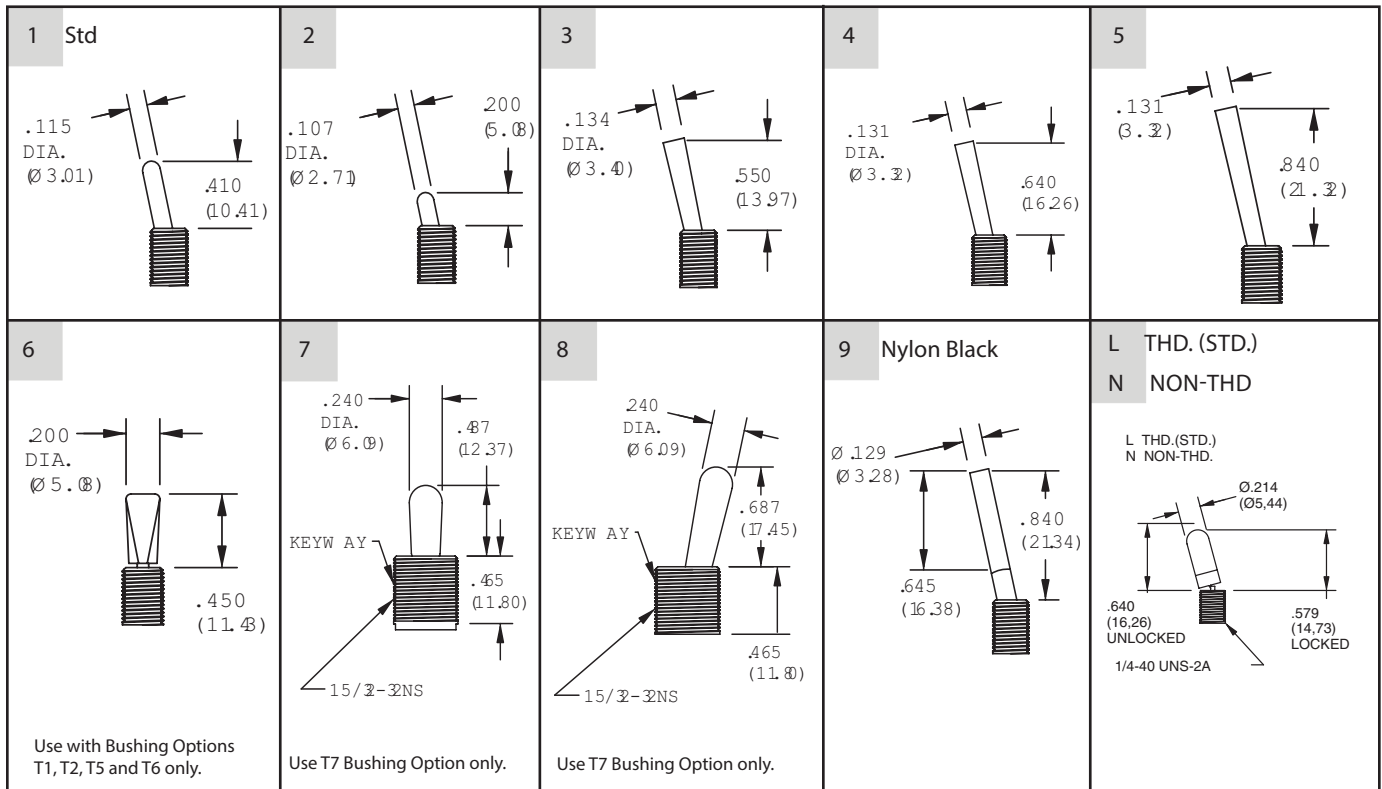
SCHEMATIC



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 Thd (Std) B2 Non-Thd 	B3 Thd B4 Non-Thd 	B5 High Torque 	B6 High Torque
B7 Long 	B8 Metric 	B9 Splash-Proof 	
T1 	T2 	T5 	T6
			T7

PANEL MOUNTING in inches (and millimeters)

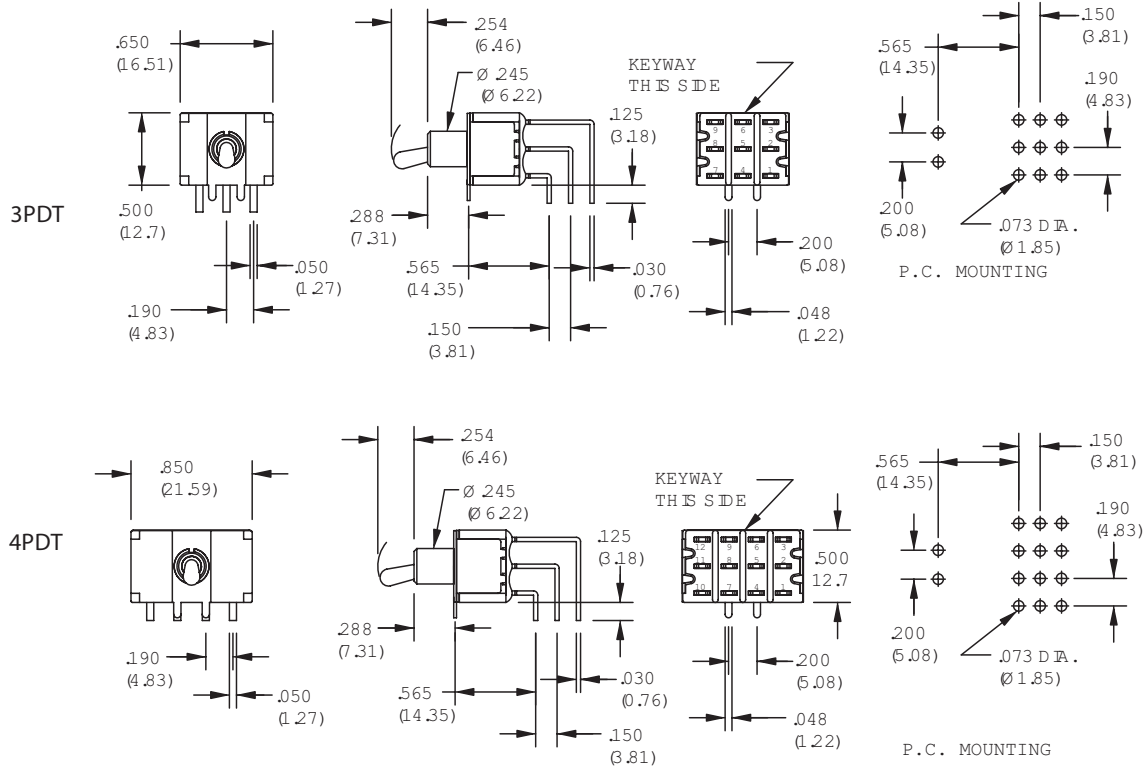
1/4" BUSHING 	15/32" BUSHING 	METRIC BUSHING
-------------------------	---------------------------	---------------------------

Toggle Switches

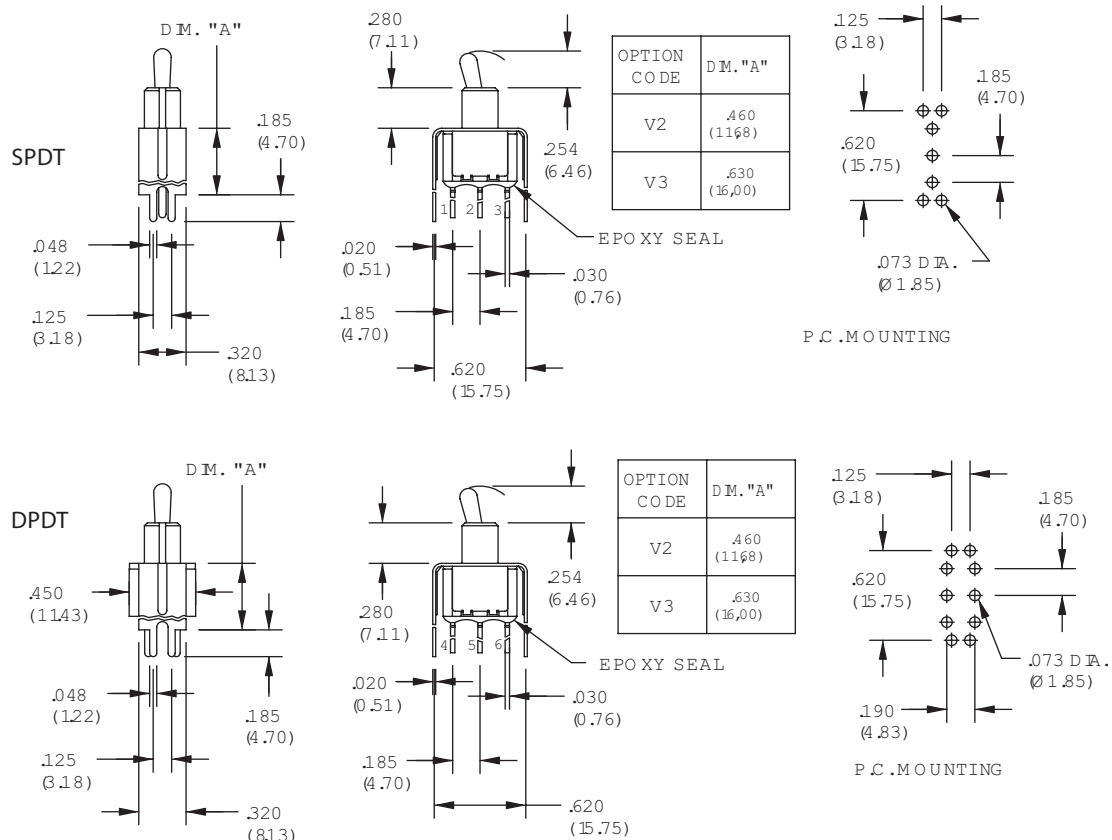


TERMINATION OPTIONS in inches (and millimeters)

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

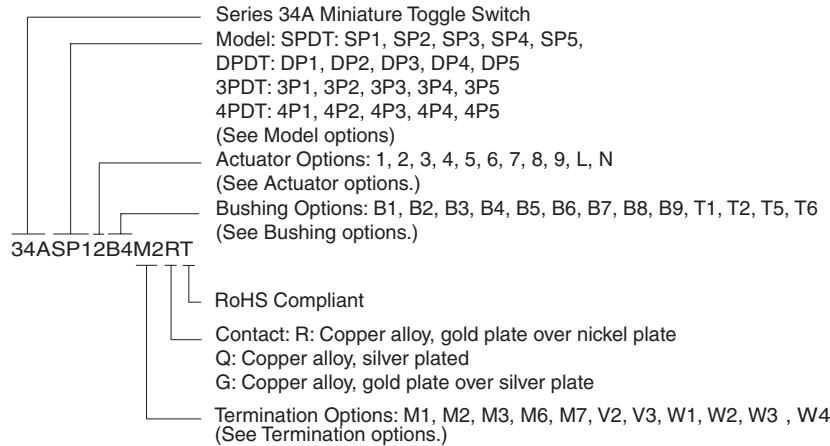
Contact Resistance: 10 milliohms max. initial @ 2-4 VDC, 100 mA for both gold & silver contacts
Insulation Resistance: 1,000 megaohms minimum
Dielectric Strength: 1,000 V RMS @ sea level
Operating Temperature: -30°C to 85°C

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



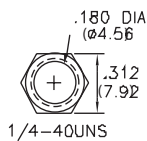
Available from your local Grayhill Component Distributor.

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

HARDWARE in inches (and millimeters)

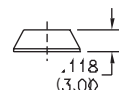
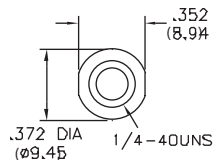
NUTS

Series 34A (Std)



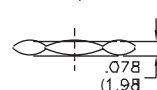
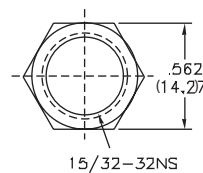
HDW2

Dress Nut



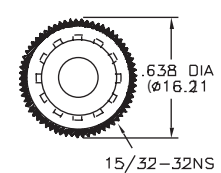
HDW3

For Actuator Options 7, 8 (Std)



HDW4

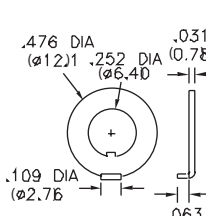
Knurled Nut (Sealed)



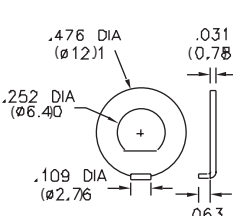
HDW5

LOCKING RINGS

Series 34A (Std)

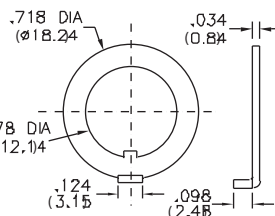


HDW15



HDW16

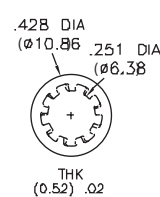
For Actuator Options 7, 8



HDW17

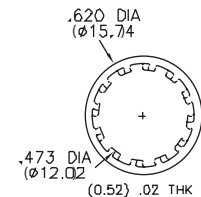
LOCK WASHERS

Series 34A (Std)



HDW11

For Actuator Options 7, 8



HDW12