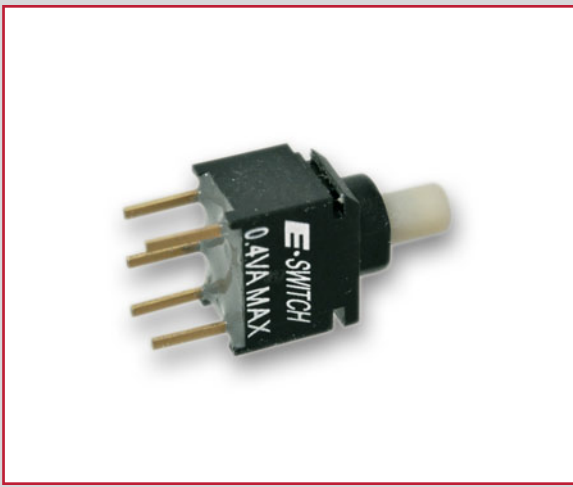
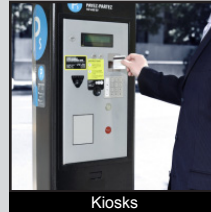
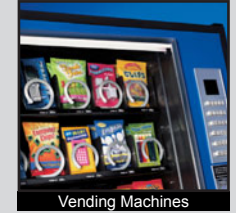
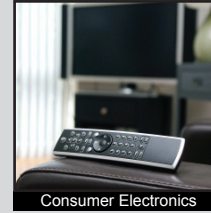
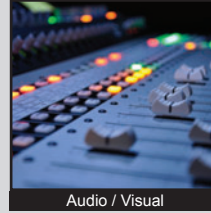


800U SERIES PUSHBUTTON SWITCH

ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



APPLICATIONS / MARKETS



RoHS

SPECIFICATIONS

Electrical Rating: 0.4VA @ 20V Max (AC or DC)
Mechanical Life: 40,000 Cycles
Electrical Life: 6,000 Cycles
Contact Resistance: 100mΩ initial
Insulation Resistance: 500 MΩ Min.
Dielectric Strength: 500VAC
Operating/Storage Temperature: -30°C to 85°C
Travel: 1.0mm
Circuit Function: SPDT, DPDT
Actuation Force: 250 gf

FEATURES & BENEFITS

- Ultra-miniature in size
- IP67 rated
- Multiple termination options
- Multiple cap colors
- Single or double pole

PART NUMBER CONFIGURATOR

Series	Circuit	Function	Actuator	Bushing	Terminal	Contact Material	Seal	Cap	Cap Color
800U	SP - Single Pole DP - Double Pole	8 - ON - (ON)*	P1 - 3.30 High	A1 - 1.6 High	M2 - PC thru-hole M6 - Right Angle, PC thru-hole M7 - Vertical right angle, PC thru-hole	R - Gold	E - Epoxy	None R1 - 4.0 dia. round	None BLK - Black RED - Red WHT - White

CAP CONFIGURATOR*

Series	Cap Style	Cap Color
800U	R1	BLK - Black RED - Red WHT - White

* () denotes momentary

*You can order just the switch with or without the cap using the first ordering code above, or you can order the cap as a separate part number using the smaller ordering code directly above.

Specifications subject to change without notice



E-SWITCH®

www.e-switch.com

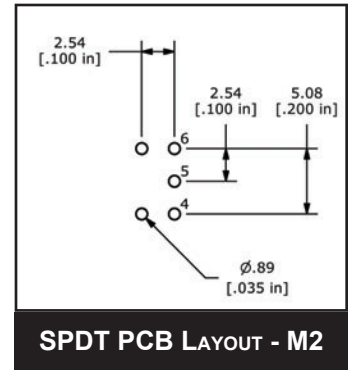
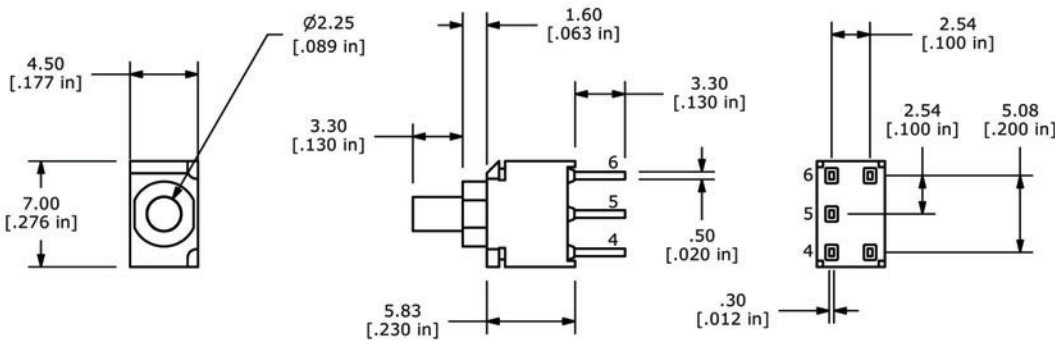
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2

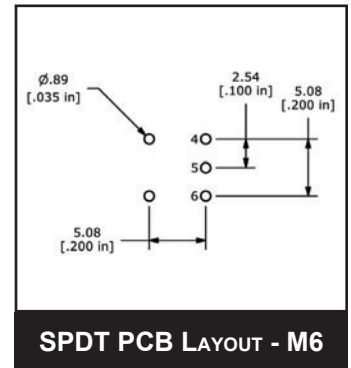
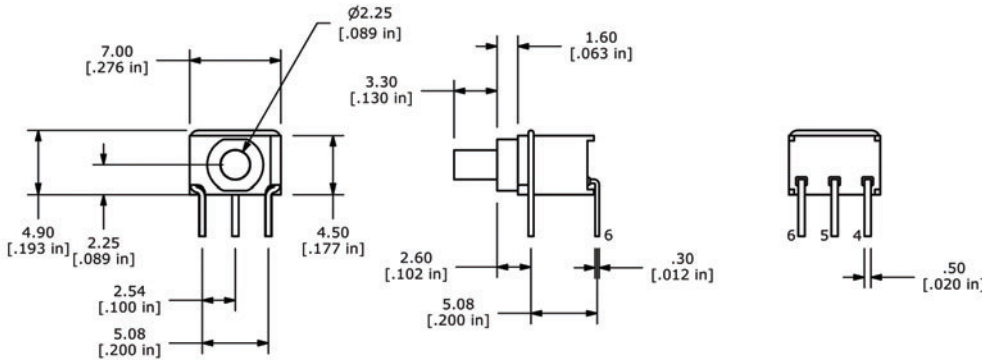
800U SERIES PUSHBUTTON SWITCH

SPDT DIMENSIONS

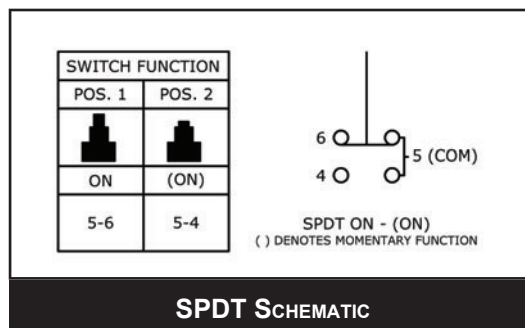
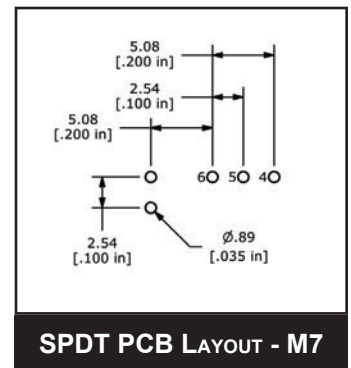
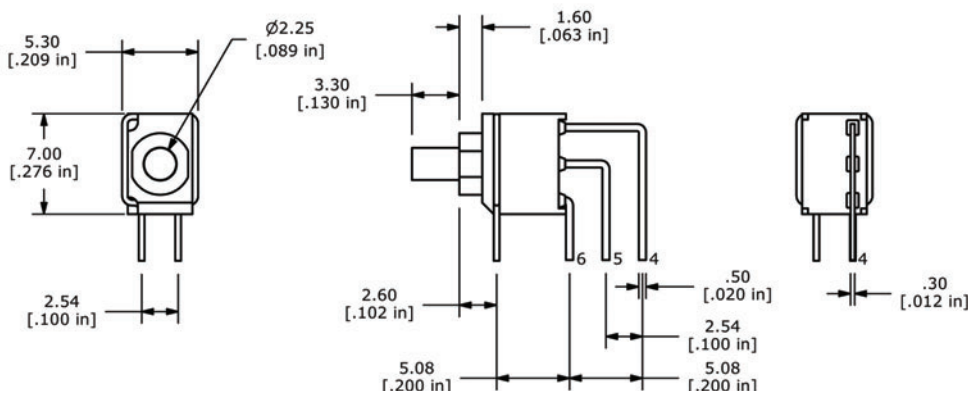
M2 Termination



M6 Termination



M7 Termination

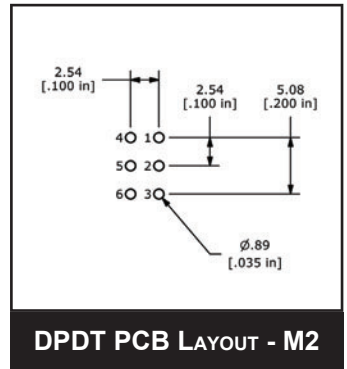
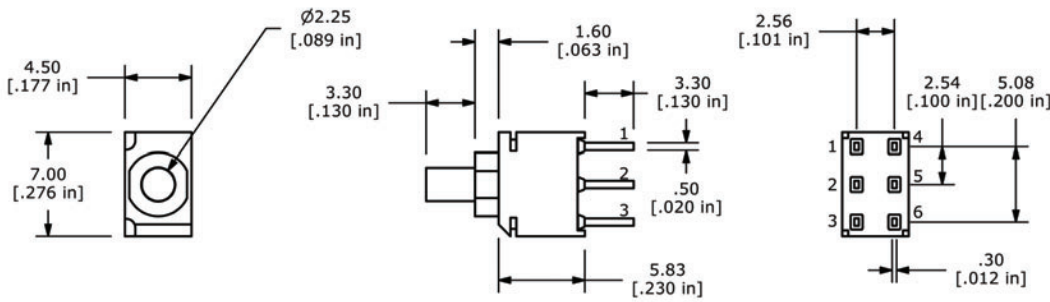


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800U SERIES PUSHBUTTON SWITCH

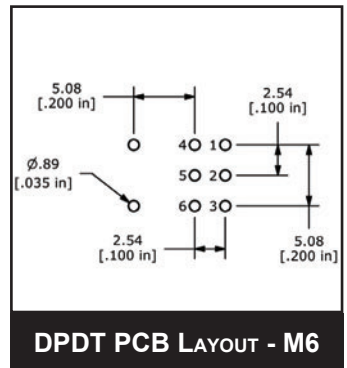
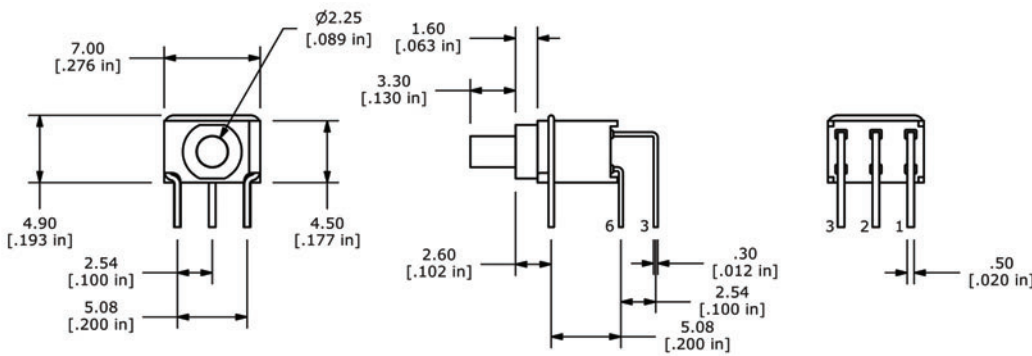
DPDT DIMENSIONS

M2 Termination



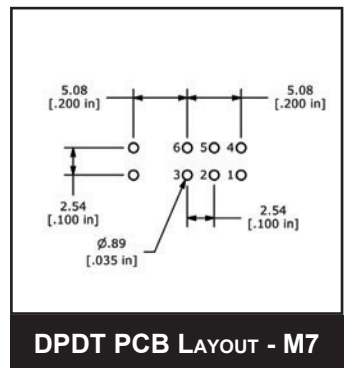
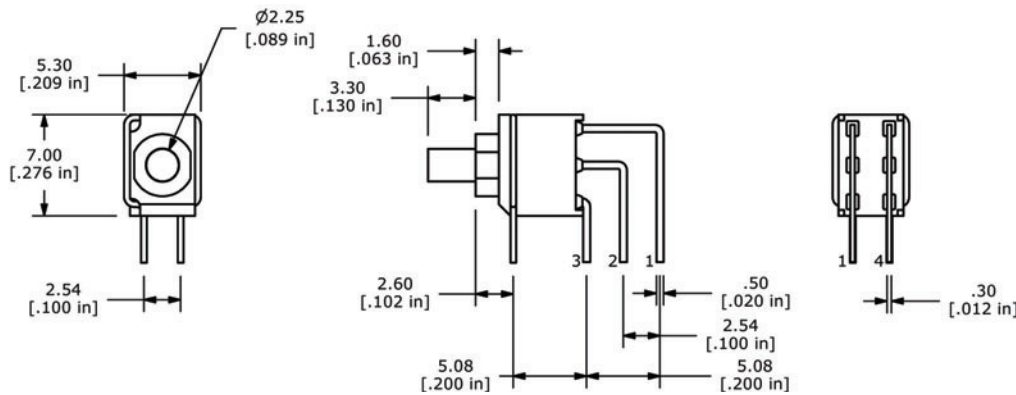
DPDT PCB LAYOUT - M2

M6 Termination

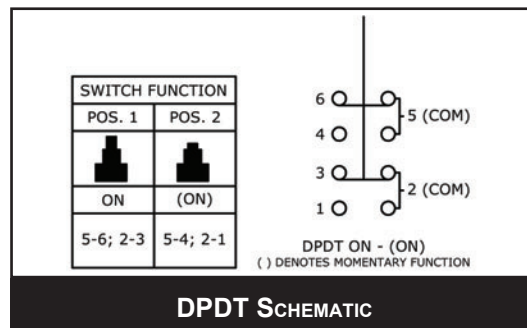


DPDT PCB LAYOUT - M6

M7 Termination



DPDT PCB LAYOUT - M7



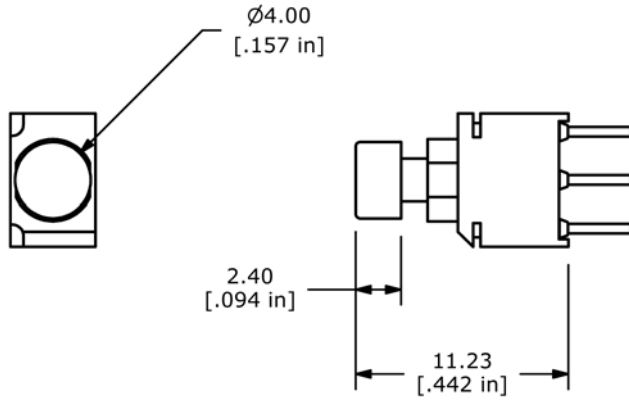
DPDT SCHEMATIC



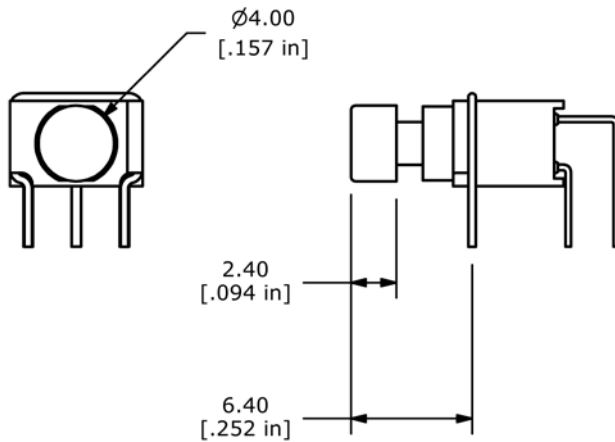
BUTTON POSITIONING

For specifications, please refer to the dimensions on previous pages.

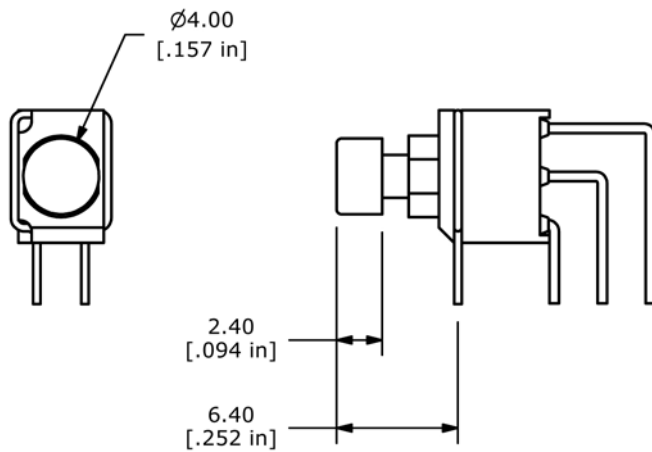
M2 Button



M6 Button



M7 Button



Mouser Electronics

Authorized Distributor

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E-Switch:

[800UDP8P1A1M2RE](#) [800UDP8P1A1M6RER1BLK](#) [800USP8P1A1M6RE](#) [800UDP8P1A1M7RER1BLK](#)
[800UDP8P1A1M7RE](#) [800USP8P1A1M7RE](#) [800UDP8P1A1M6RE](#)