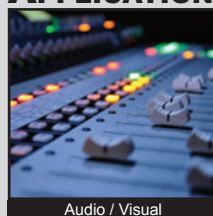


# 800C SERIES PUSHBUTTON SWITCH

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



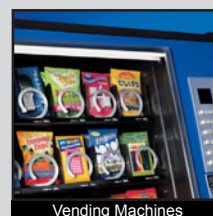
## APPLICATIONS / MARKETS



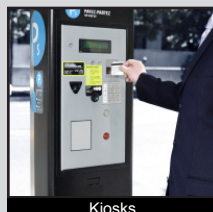
Audio / Visual



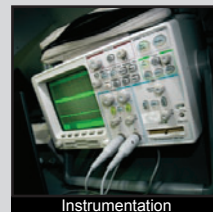
Consumer Electronics



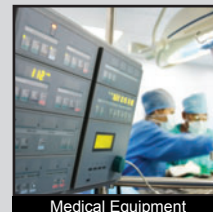
Vending Machines



Kiosks



Instrumentation



Medical Equipment

# RoHS

## SPECIFICATIONS

### Electrical Rating:

Silver: 3A @ 120VAC or 28 VDC, 1A @250VAC

Gold: 0.4VA @ 20V Max (AC or DC)

**Electrical Life:** 6,000 Cycles

### Contact Resistance:

Silver: 50mΩ Max initial

Gold: 20mΩ Max initial

**Insulation Resistance:** 1,000 MΩ Min. @1000VDC

**Dielectric Strength:** 1000VAC for 1 minute

**Operating/Storage Temperature:** -30°C to 85°C

**Travel:** Electrical Make: 1.34mm / Full travel: 1.88mm

**Circuit Function:** SPDT

**Actuation Force:** 350 gf

## FEATURES & BENEFITS

- Miniature in size
- Multiple termination options
- Alternating action pushbutton

## PART NUMBER CONFIGURATOR

| Series  | Circuit  | Bushing   | Termination   | Contact Material               | Seal                           | Hardware                       |
|---|--|---|---|--------------------------------|--------------------------------|--------------------------------|
| <input type="text" value="8"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="C"/> | <input type="text" value="S"/> <input type="text" value="P"/> <input type="text" value="1"/> | <input type="text" value="B"/> <input type="text" value="5"/> | <input type="text" value="M"/> <input type="text" value="1"/> | <input type="text" value="Q"/> | <input type="text" value="E"/> | <input type="text" value="H"/> |
| 800C  | SP1 - ON-ON  | B5 - Threaded<br>B6 - Non-Threaded                            | M1<br>M2<br>M6<br>M7  | Q - Silver<br>R - Gold         | E - Epoxy                      | H - Hardware                   |

Specifications subject to change without notice



**E-SWITCH®**

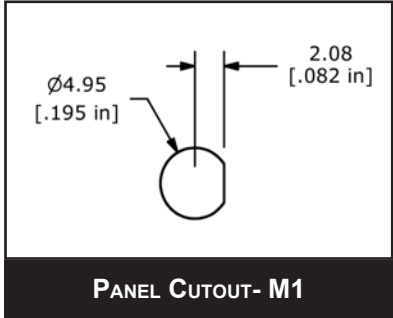
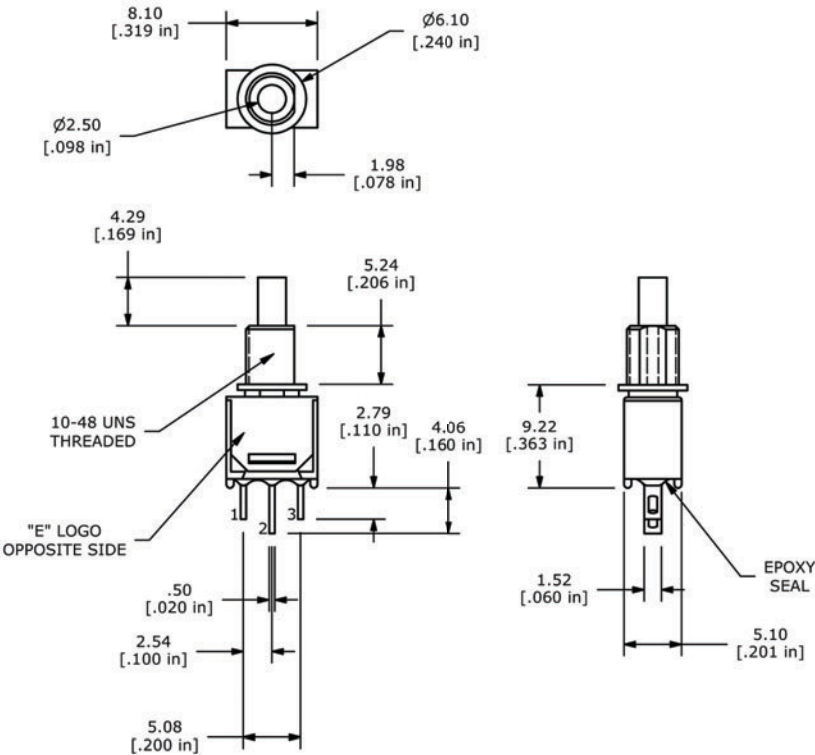
www.e-switch.com

800.867.2717

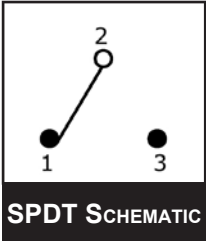
2

SPDT DIMENSIONS

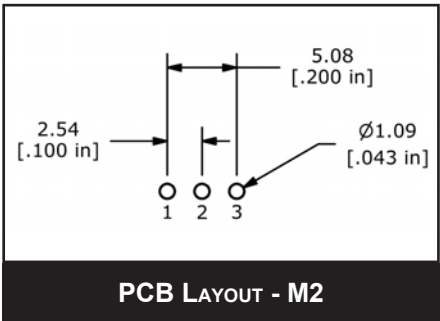
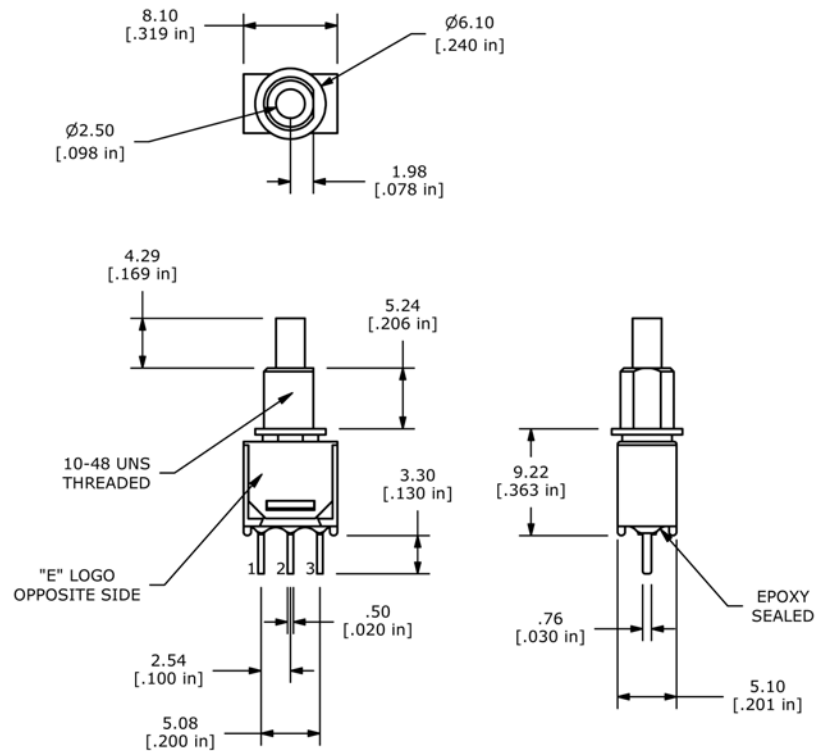
M1 Termination



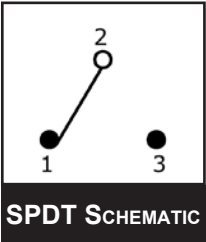
| SWITCH FUNCTION |        |
|-----------------|--------|
| POS. 1          | POS. 2 |
|                 |        |
| ON              | ON     |
| 2-1             | 2-3    |



M2 Termination

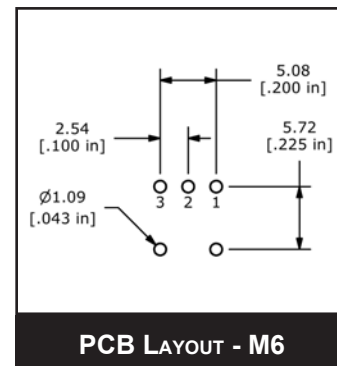
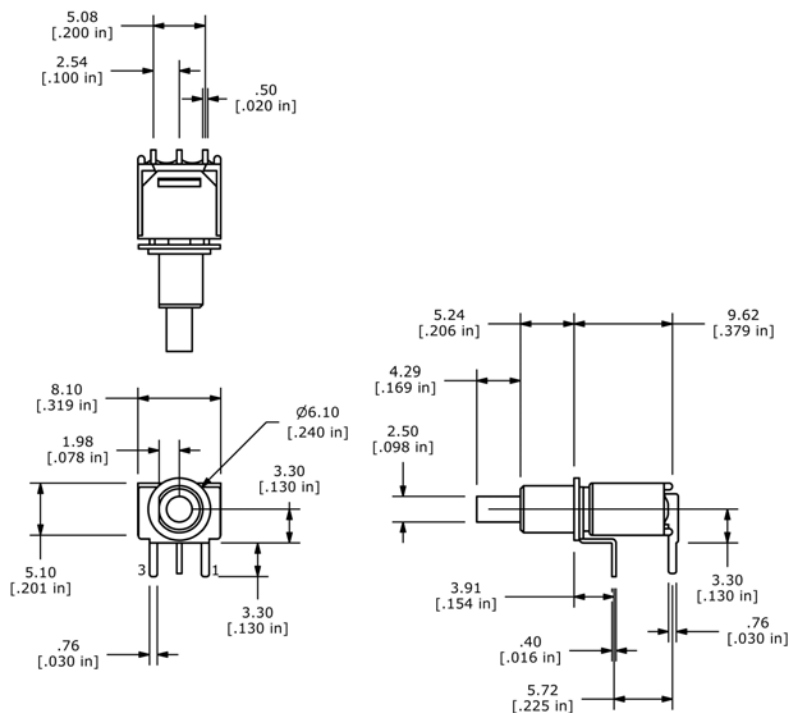


| SWITCH FUNCTION |        |
|-----------------|--------|
| POS. 1          | POS. 2 |
|                 |        |
| ON              | ON     |
| 2-1             | 2-3    |

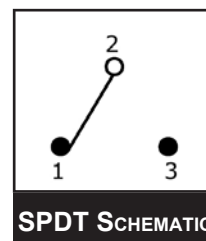


## SPDT DIMENSIONS

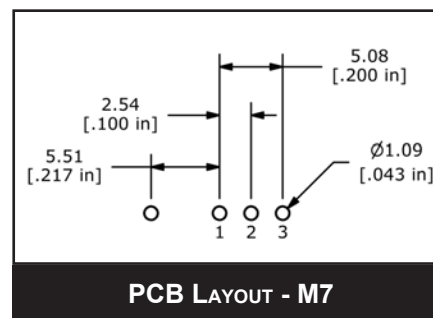
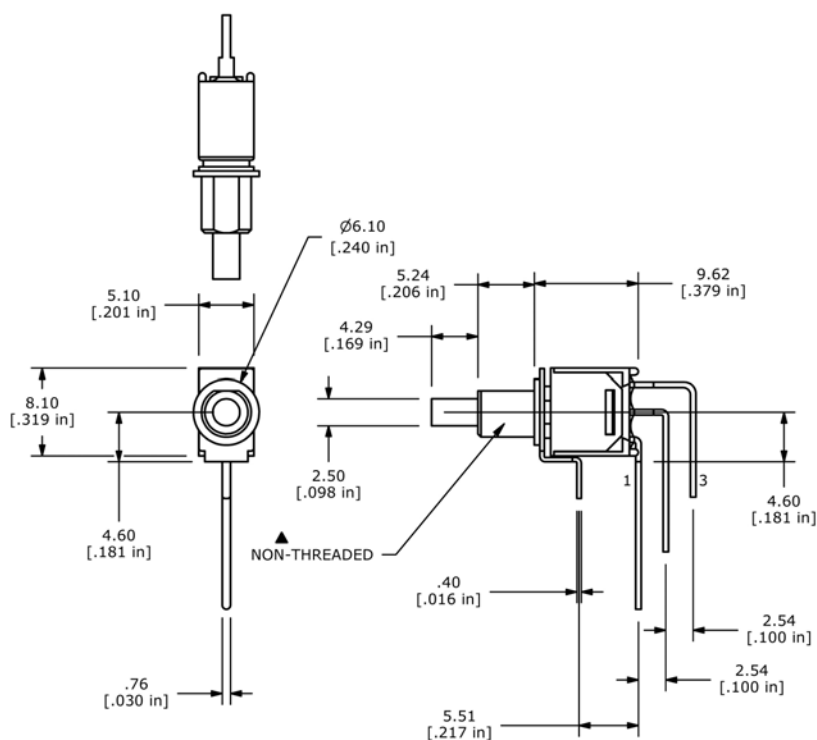
### M6 Termination



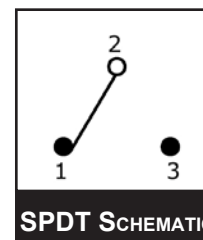
| SWITCH FUNCTION |        |
|-----------------|--------|
| POS. 1          | POS. 2 |
|                 |        |
| ON              | ON     |
| 2-1             | 2-3    |



### M7 Termination



| SWITCH FUNCTION |        |
|-----------------|--------|
| POS. 1          | POS. 2 |
|                 |        |
| ON              | ON     |
| 2-1             | 2-3    |



# Mouser Electronics

Authorized Distributor

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

E-Switch:

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