

# FS5700 SERIES PUSHBUTTON SWITCH



## APPLICATIONS / MARKETS



Gaming: Flight Simulation



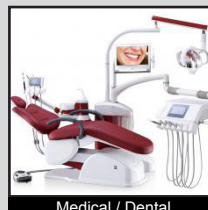
Home Appliances



Floor Care Appliances



Industrial Controls



Medical / Dental



Foot Switch

# RoHS

## SPECIFICATIONS

**Contact Rating:** 1A @ 9VDC  
**Electrical Life:** 30,000 Cycles  
**Contact Resistance:** 50mΩ Initial  
**Insulation Resistance:** 100MΩ @ 500VDC  
**Dielectric Strength:** 1000V RMS  
**Operating Temperature:** -10°C to 70°C  
**Storage Temperature:** -10°C to 70°C  
**Full Travel:** SP & DP: 2.7mm; 3P: 5.0mm  
**Contact Arrangement:** SPDT, DPDT or 3PDT  
**Actuation Force:** Single pole momentary: 1700gf  
 Single pole alternate action: 1000gf  
 Double pole momentary: 2500gf  
 Double pole alternate action: 1600gf  
 3 pole alternate action: 3000gf  
**Panel Thickness:** 8mm Max.

## FEATURES & BENEFITS

- SPDT, DPDT or 3PDT
- Momentary or alternate action functions
- High actuation force
- PCB mount or panel mount option

## PART NUMBER CONFIGURATOR

Series	Circuit	Function	Actuator	Bushing	Terminal	Contact Material	Sealing	Hardware
<input type="text" value="FS5700"/>	<input type="text" value="SP"/> SP - Single Pole DP - Double Pole 3P* - 3 Pole	<input type="text" value="L"/> L - Alternate Action M - Momentary	<input type="text" value="T2"/> T2 - 10mm dia.	<input type="text" value="B2"/> B2 - 11.5 high	<input type="text" value="M1"/> M1 - Solder Lug M2 - PCB Pins	<input type="text" value="Q"/> Q - Silver	<input type="text" value="E"/> E - Epoxy	<input type="text" value="H"/> H** - Hardware

\*3P only available in "L" function

\*\*Hardware only provided with "M1" termination

Specifications subject to change without notice



E-SWITCH®

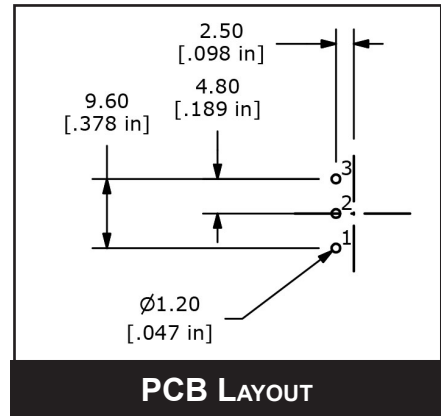
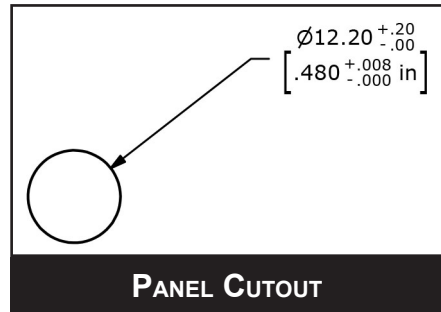
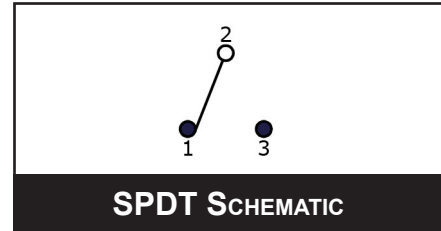
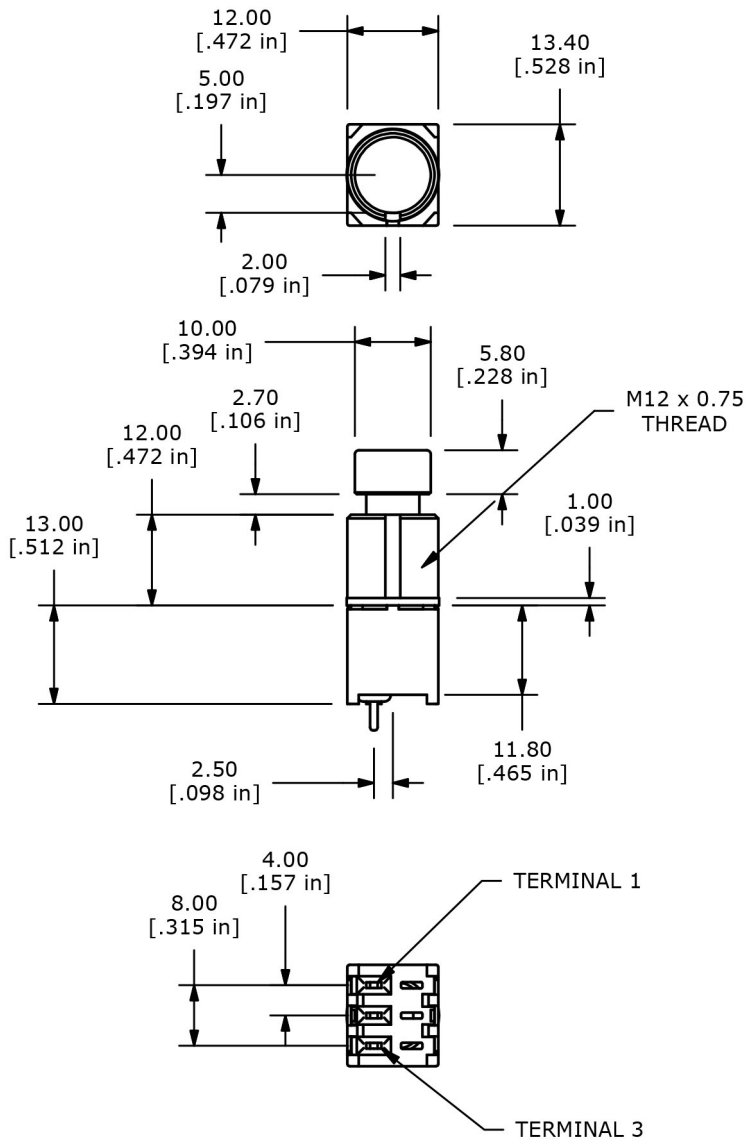
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## SINGLE POLE



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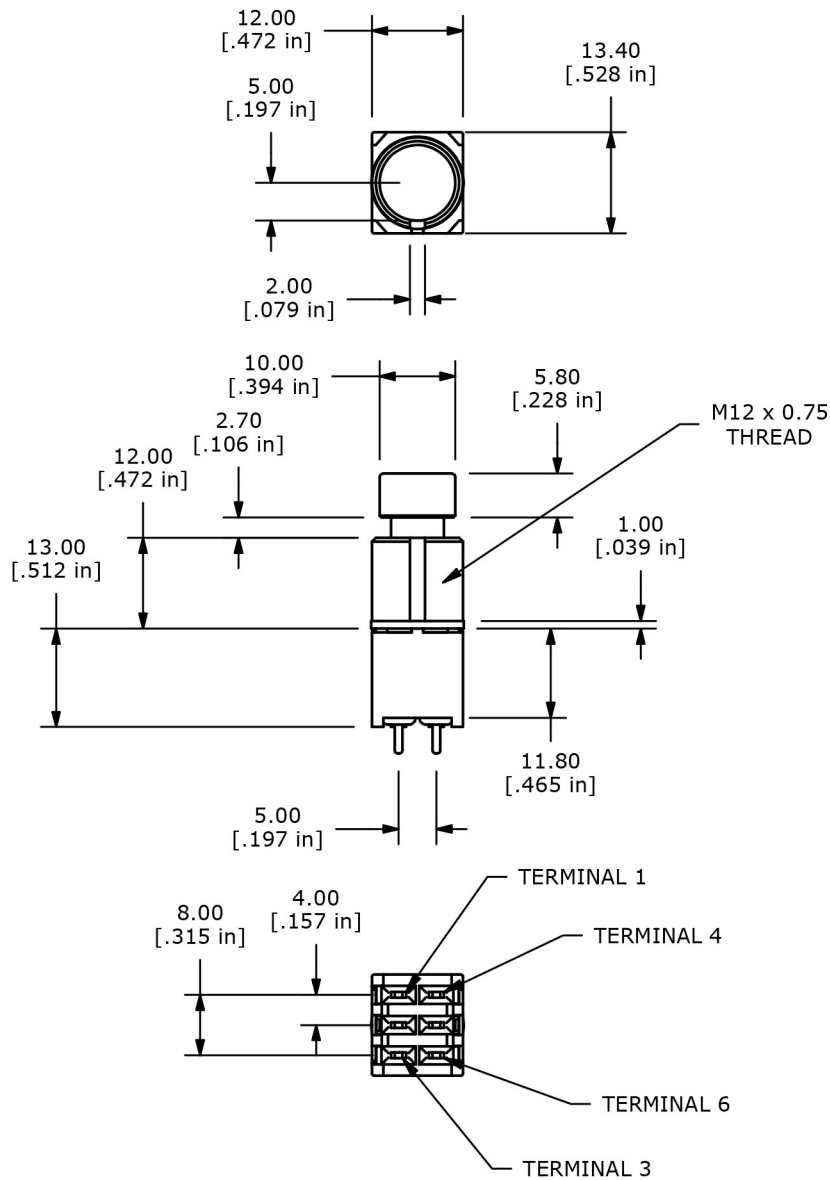
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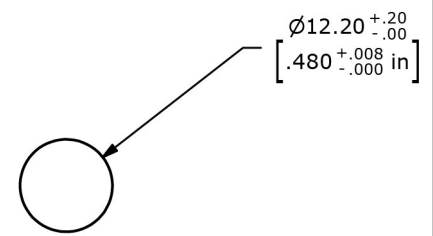
ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS

# FS5700 SERIES PUSHBUTTON SWITCH

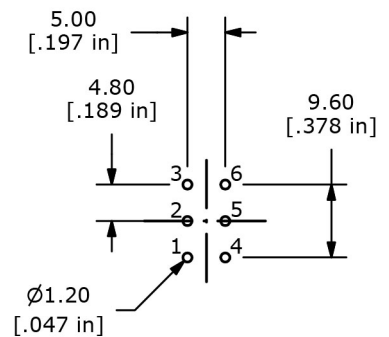
## DOUBLE POLE



**DPDT SCHEMATIC**



**PANEL CUTOUT**



**PCB LAYOUT**



**E-SWITCH®**

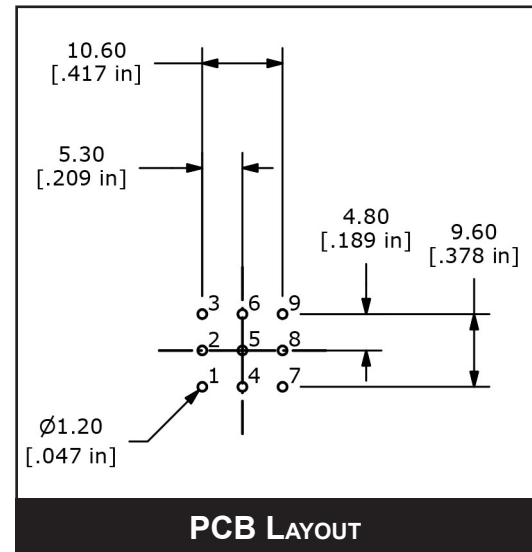
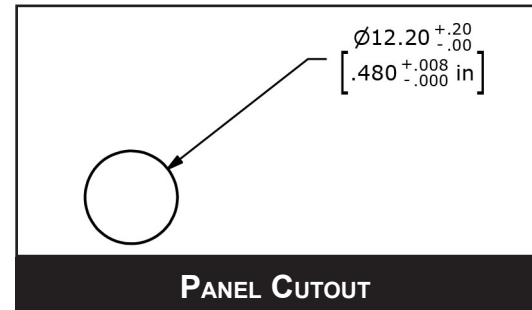
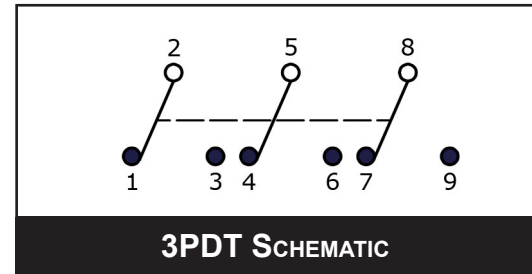
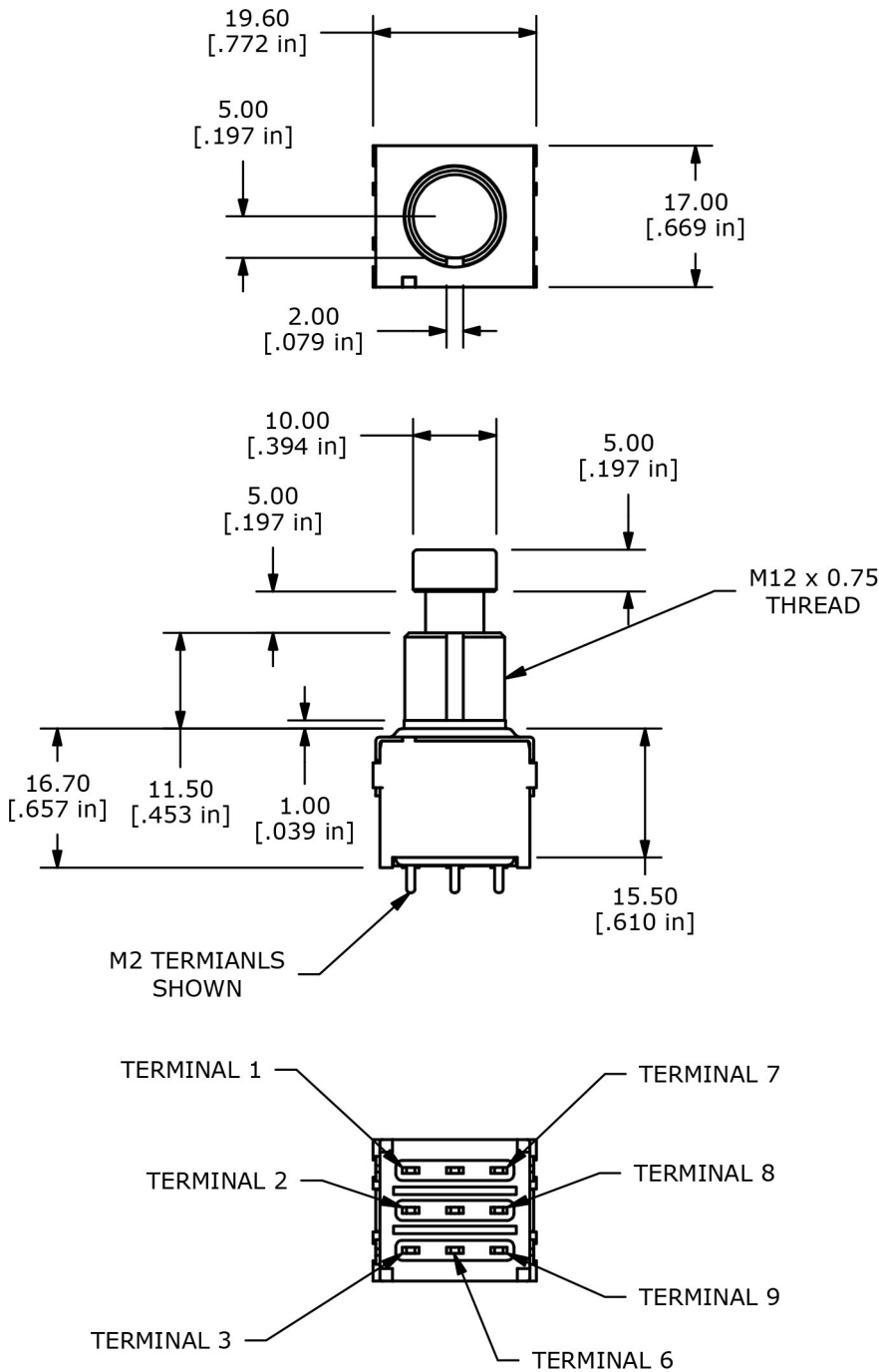
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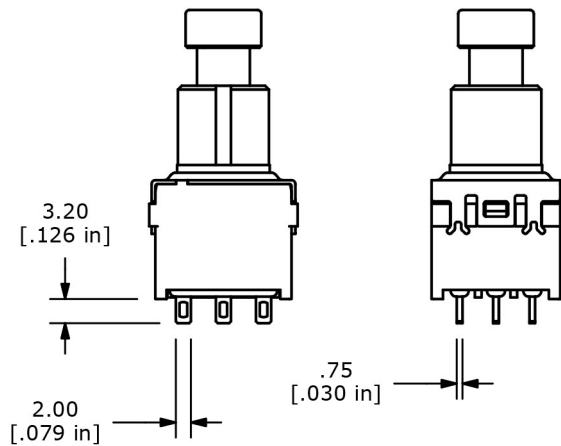
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## TRIPLE POLE

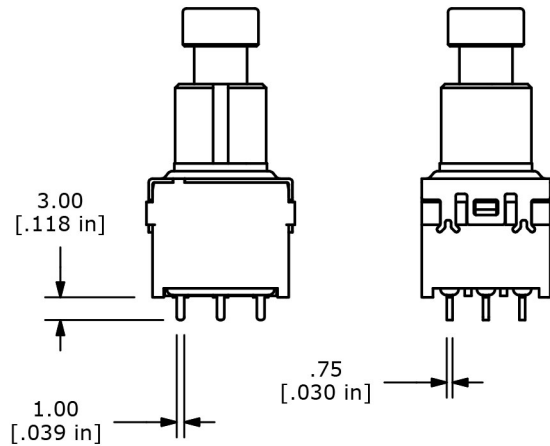


## TERMINATION

### M1 TERMINATION



### M2 TERMINATION



# Mouser Electronics

Authorized Distributor

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

## E-Switch:

[FS57003PLT2B2M1QE](#) [FS5700SPMT2B2M1QE](#) [FS5700SPMT2B2M1QEH](#) [FS5700SPMT2B2M2QE](#)  
[FS57003PLT2B2M1QEH](#) [FS5700DPLT2B2M2QE](#) [FS5700DPLT2B2M1QEH](#) [FS5700DPLT2B2M1QE](#)  
[FS57003PLT2B2M2QE](#) [FS5700SPLT2B2M1QEH](#) [FS5700SPLT2B2M1QE](#) [FS5700DPMT2B2M2QE](#)  
[FS5700DPMT2B2M1QEH](#) [FS5700SPLT2B2M2QE](#) [FS5700DPMT2B2M1QE](#)