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
FS5700	**SP -** Single Pole **DP -** Double Pole **3P* -** 3 Pole	**L -** Alternate Action **M -** Momentary	**T2 -**10mm dia.	**B2 -** 11.5 high	**M1 -** Solder Lug **M2 -** PCB Pins	**Q -** Silver	**E -** Epoxy	**H** -** Hardware

*3P only available in "L" function
**Hardware only provided with "M1" termination

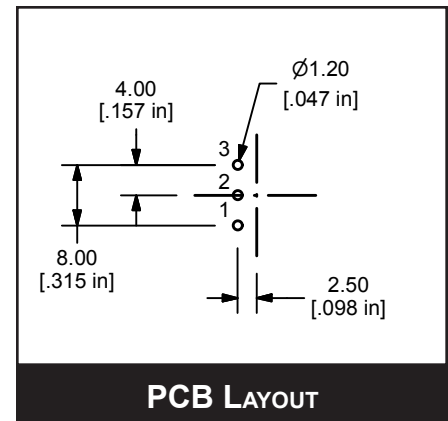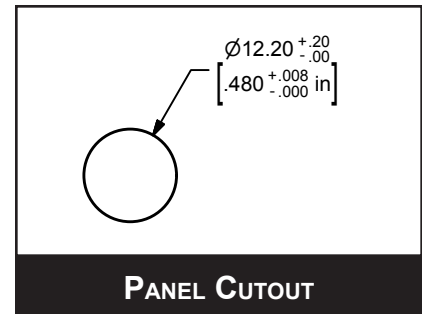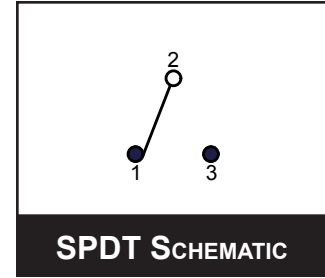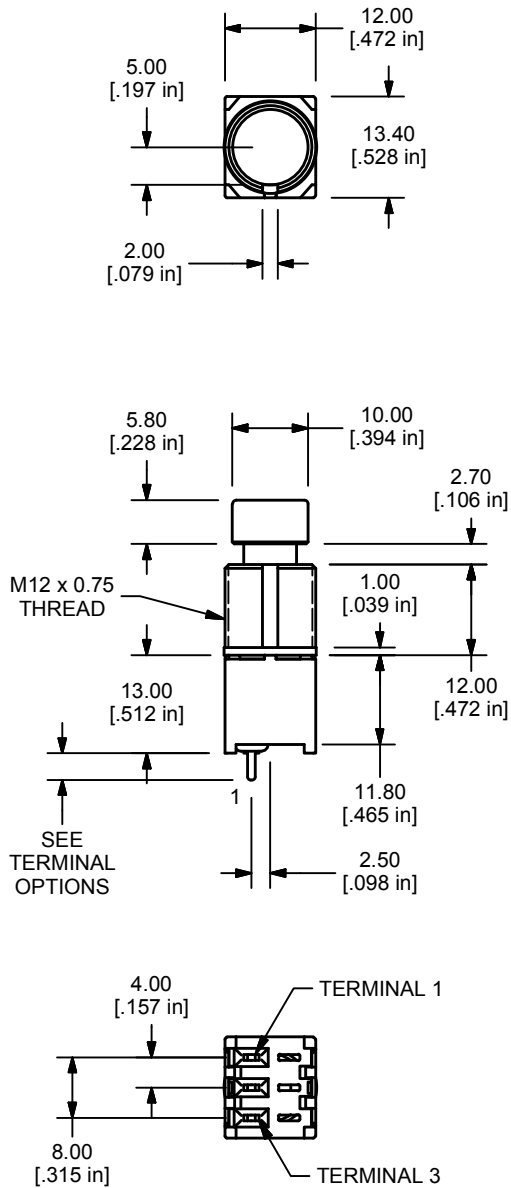*Specifications subject to change without notice 4.2.2018*

FS5700 Series Pushbutton Switch

Single Pole

12.00 [.472 in]

5.00 [.197 in]

13.40 [.528 in]

2.00 [.079 in]

5.80 [.228 in]

10.00 [.394 in]

2.70 [.106 in]

M12 x 0.75 THREAD

1.00 [.039 in]

13.00 [.512 in]

12.00 [.472 in]

1

11.80 [.465 in]

SEE TERMINAL OPTIONS

2.50 [.098 in]

4.00 [.157 in]

TERMINAL 1

8.00 [.315 in]

TERMINAL 3

SPDT Schematic

2

1   3

Panel Cutout

$\varnothing 12.20 {}^{+.20}_{-.00}$

$\left[.480 {}^{+.008}_{-.000} \text{ in} \right]$

PCB Layout

4.00 [.157 in]

$\varnothing 1.20$ [.047 in]
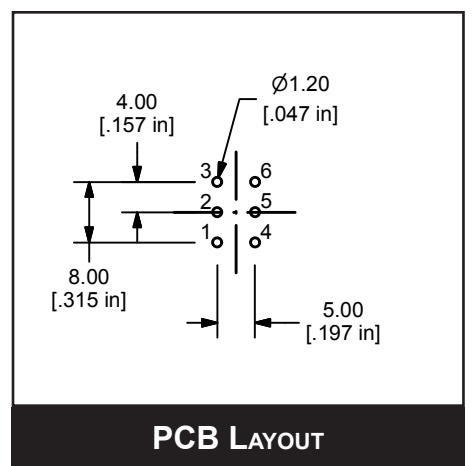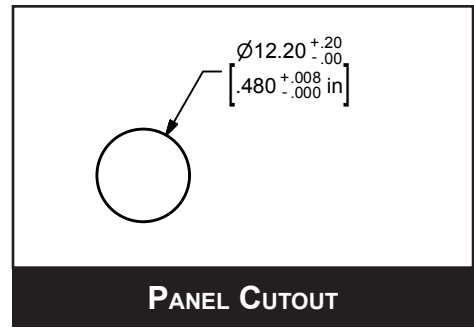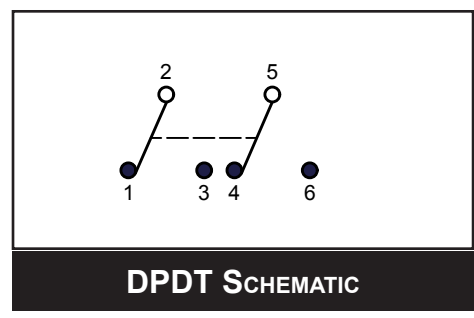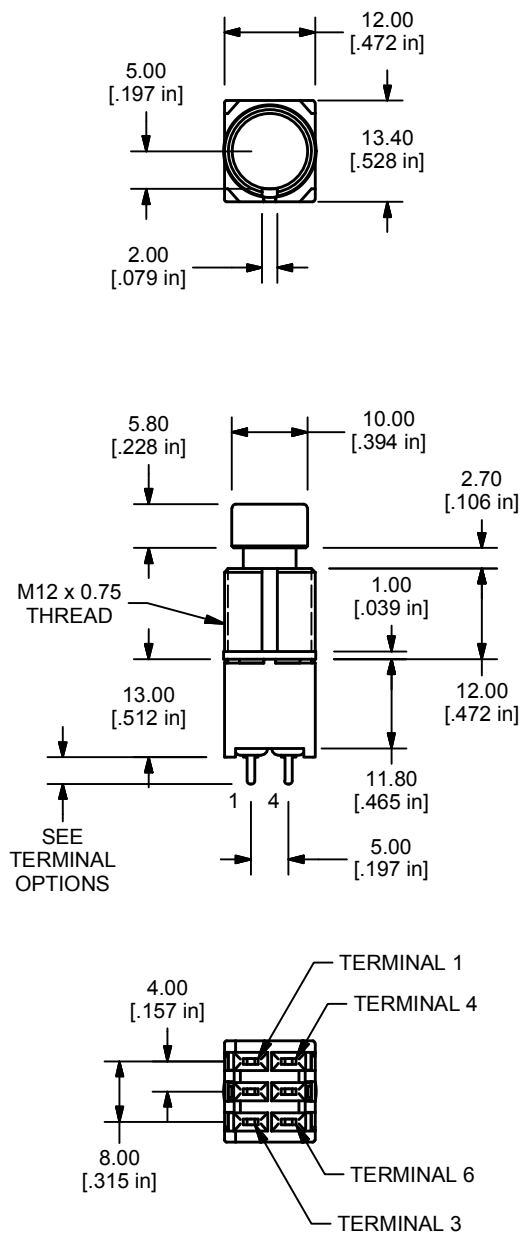
3

2

1

8.00 [.315 in]

2.50 [.098 in]

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

Double Pole

12.00 [.472 in]

5.00 [.197 in]

13.40 [.528 in]

2.00 [.079 in]

5.80 [.228 in]

10.00 [.394 in]

2.70 [.106 in]

M12 x 0.75 THREAD

1.00 [.039 in]

13.00 [.512 in]

12.00 [.472 in]

11.80 [.465 in]

1   4

SEE TERMINAL OPTIONS

5.00 [.197 in]

4.00 [.157 in]

TERMINAL 1

TERMINAL 4

8.00 [.315 in]

TERMINAL 6

TERMINAL 3

DPDT Schematic

2   5

1   3   4   6

Panel Cutout

$\varnothing 12.20 {}^{+.20}_{-.00}$
$\left[.480 {}^{+.008}_{-.000} \text{ in} \right]$

PCB Layout

4.00 [.157 in]

$\varnothing 1.20$ [.047 in]

3   6
2   5
1   4

8.00 [.315 in]

5.00 [.197 in]

FS5700 Series Pushbutton Switch

Triple Pole

19.60 [.772 in]

5.00 [.197 in]

17.00 [.669 in]

2.00 [.079 in]

10.00 [.394 in]

5.00 [.197 in]

5.00 [.197 in]

M12 x 0.75 THREAD

1.00 [.039 in]

16.70 [.657 in]

11.50 [.453 in]

1   4   7

15.50 [.610 in]

SEE TERMINAL OPTIONS

5.30 [.209 in]

10.60 [.417 in]

TERMINAL 1

TERMINAL 4

4.80 [.189 in]

TERMINAL 7

TERMINAL 9

9.60 [.378 in]

TERMINAL 6

TERMINAL 3

3PDT Schematic

2   5   8

1   3 4   6 7   9

Panel Cutout

$\varnothing 12.20 ^{+.20}_{-.00}$
$\left[.480 ^{+.008}_{-.000} \text{ in} \right]$

PCB Layout

$\varnothing 1.20$ [.047 in]

4.80 [.189 in]

3   6   9
2   5   8
1   4   7

9.60 [.378 in]

5.30 [.209 in]

10.60 [.417 in]

ANTI-VANDAL SWITCHES

DETECTOR SWITCHES

DIP SWITCHES

KEYLOCK SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

ROCKER SWITCHES

ROTARY SWITCHES

SLIDE SWITCHES

SNAP ACTION SWITCHES

TACTILE SWITCHES

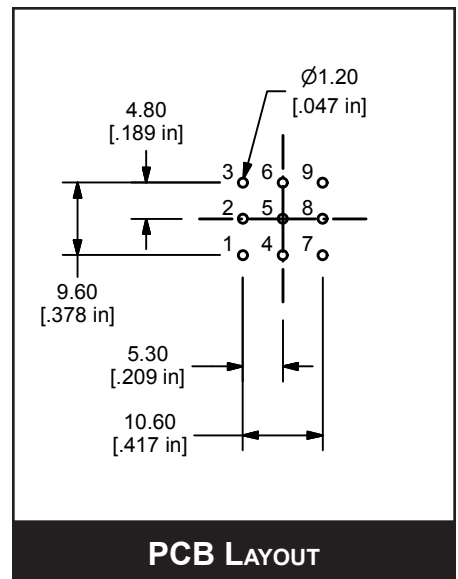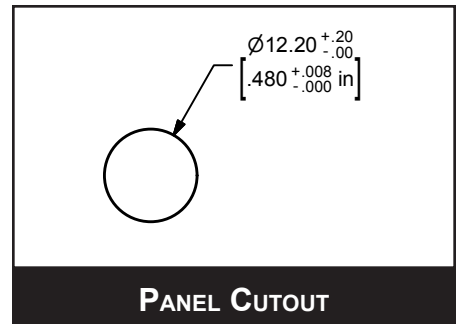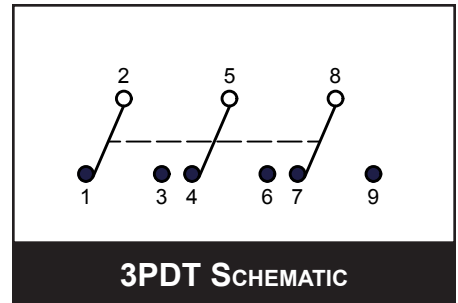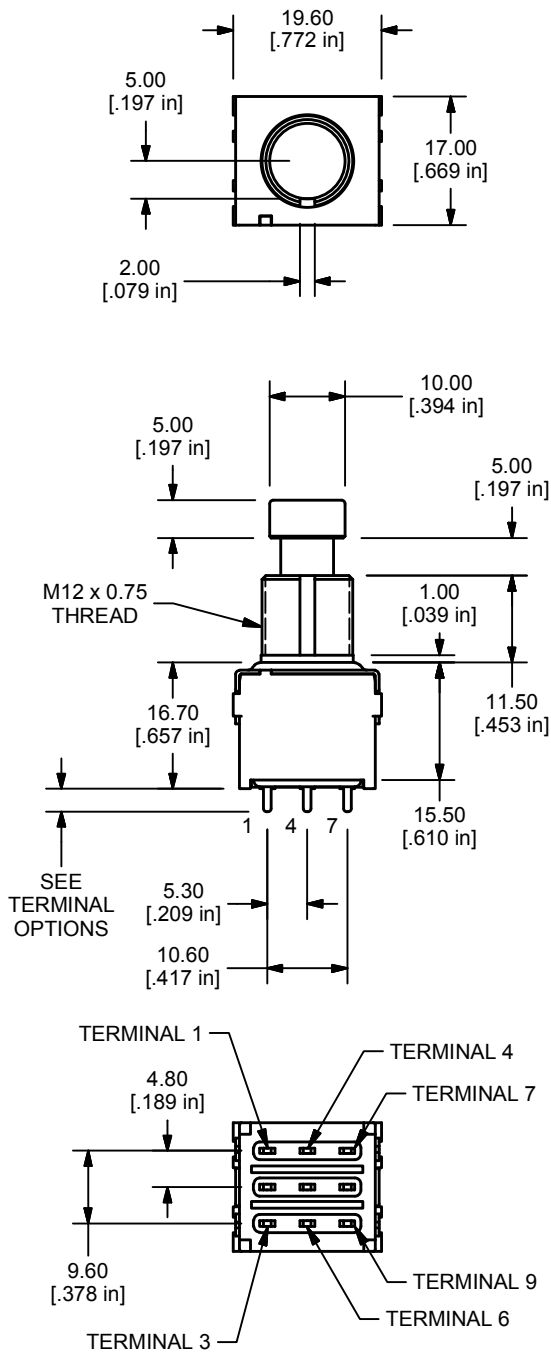TOGGLE SWITCHES

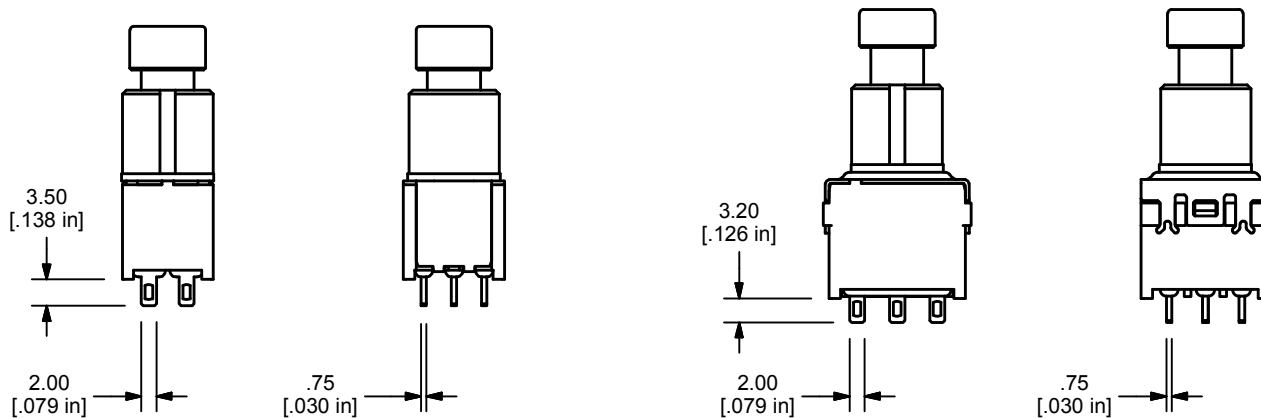CAP OPTIONS

FS5700 SERIES PUSHBUTTON SWITCH

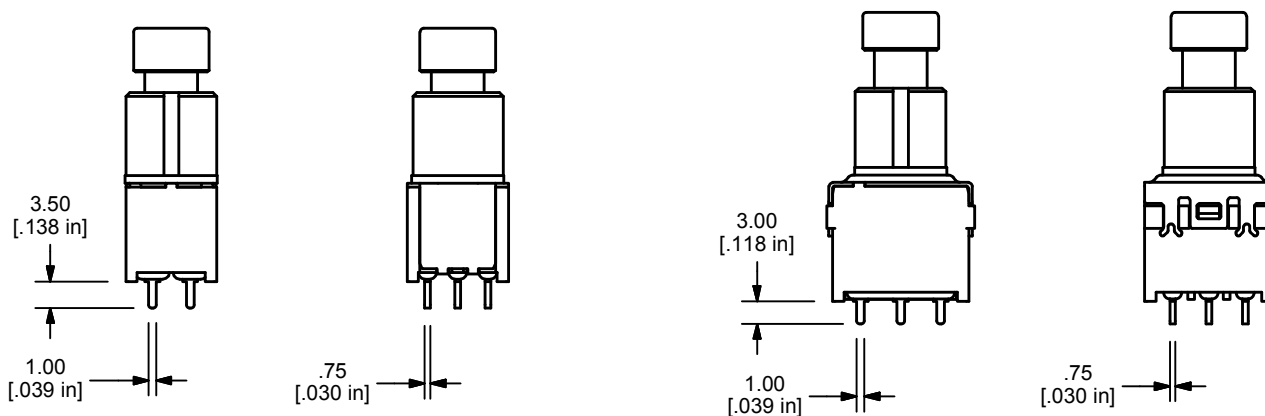ANTI-VANDAL SWITCHES

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

TERMINATION OPTIONS

M1 TERMINATION

3.50
[.138 in]

2.00
[.079 in]

.75
[.030 in]

**M1 TERMINAL FOR 1P OR 2P
2P SWITCH SHOWN**

3.20
[.126 in]

2.00
[.079 in]

.75
[.030 in]

**M1 TERMINAL FOR
3P SWITCH**

M2 TERMINATION

3.50
[.138 in]

1.00
[.039 in]

.75
[.030 in]

**M2 TERMINAL FOR 1P OR 2P
2P SWITCH SHOWN**

3.00
[.118 in]

1.00
[.039 in]

.75
[.030 in]

**M2 TERMINAL FOR
3P SWITCH**