

STOCK MEMBRANE SWITCHES

After 25 years of specializing in designing and manufacturing custom membrane switches, SSI Electronics is now offering several standard membrane switches. These switches will be stocked and ready to ship to you without any of the design and tooling expenses often associated with membrane switches. You can use these switches individually or join them together to create the number of keys required for your small volume applications.

Formats available:

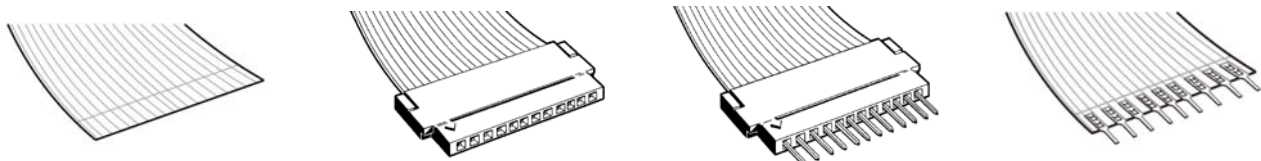
1 POSITION	6 POSITION
2 POSITION	8 POSITION
4 POSITION (1X4)	9 POSITION
4 POSITION (2X2)	12 POSITION

Standard Membrane Switch Specifications:

- 12mm diameter stainless steel domes
- Actuation force (12-16 ounces)
- Closed loop resistance: <100 ohms
- Life expectancy: 1 million actuations
- Contact bounce: 20ms or less
- Maximum voltage: 28 vDC
- Maximum current: 50 mA
- Maximum switch power: 1.5 watts
- Operating temperature: -10 degrees F to 170 degrees F
- 3M 467MP adhesive on front and back of switch

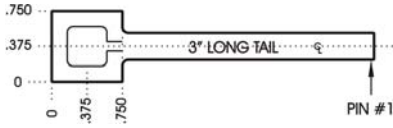
Connector Options:

- **Bare Tail**—Interfaces to .100" center LIF or ZIF style connector
- **Female Connector: Plain**—Interfaces to a .100" center, .025" square posted header
- **Female Connector: Latching**—Interfaces to a .100" center latching header
- **Male Connector: Plain**—Interfaces to a .100" center female header
- **Male Connector: Latching**—Interfaces to a .100" center latching header
- **Solder Tabs**—.100" centers. Solder tabs can be directly soldered to PCB or wires

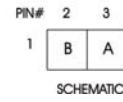
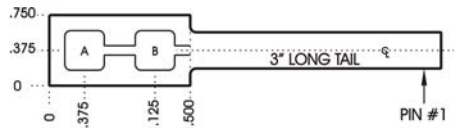


SWITCH DETAILS

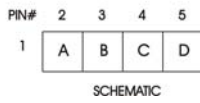
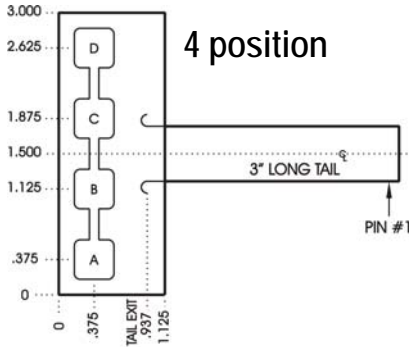
1 position



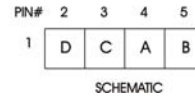
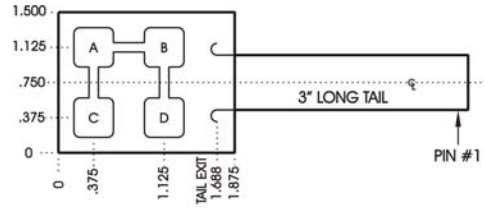
2 position



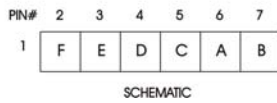
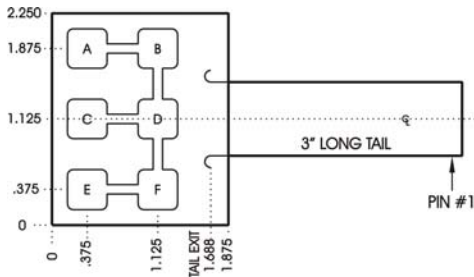
4 position



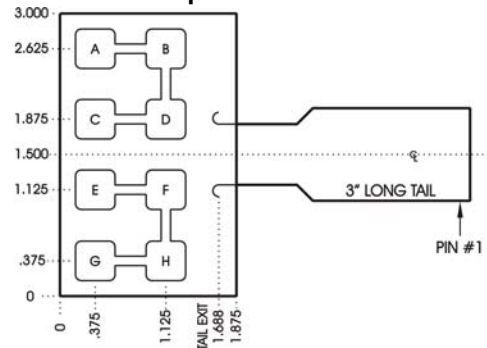
4 position



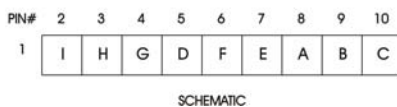
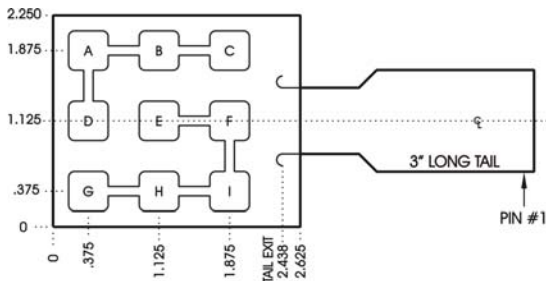
6 position



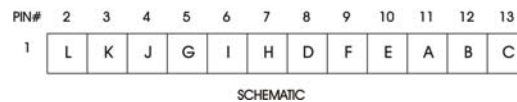
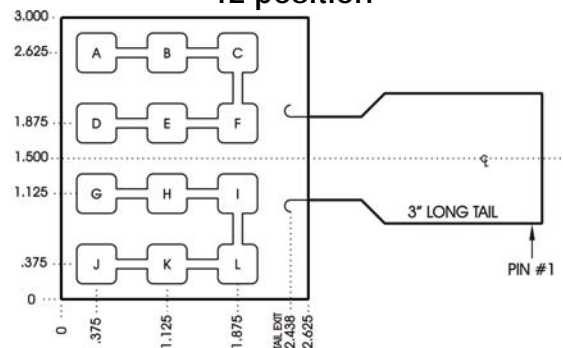
8 position



9 position



12 position

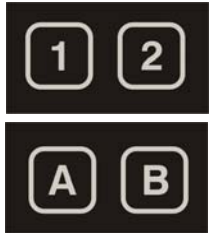


STANDARD OVERLAY ARTWORK OPTIONS

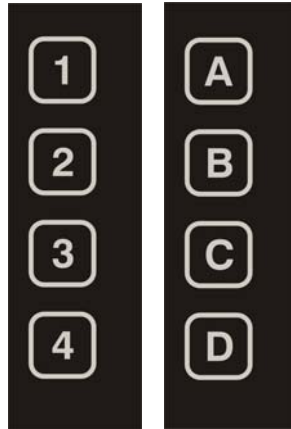
1 Position



2 Position



4 Position



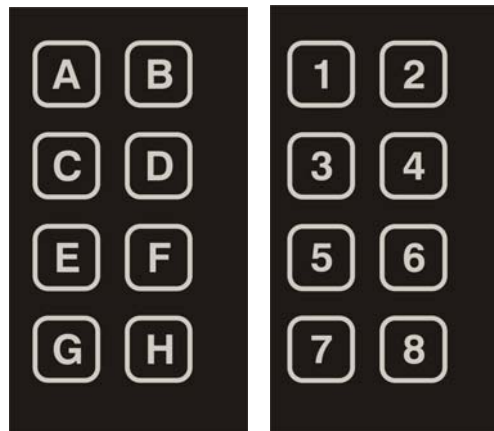
4 Position



6 Position



8 Position



9 Position



12 Position

