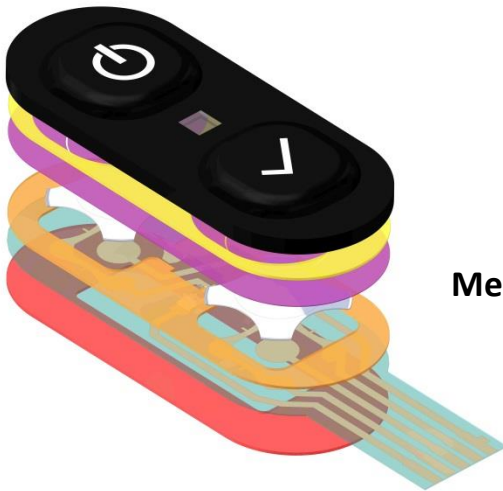


The Silicone Rubber Switch Assembly

PCB Mount Assembly



Membrane Mount Assembly

The Silicone Rubber Switch Assembly is a custom array of single pole single throw (SPST) normally open momentary switches. The actuating mechanism is a molded silicone rubber overlay (see illustrations at left), and can be configured to satisfy a wide variety of both tactile and non-tactile force-displacement requirements. This overlay may be used with either a sealed or partial membrane switch, or a printed circuit board sub-assembly. The Silicone Rubber Switch Assembly offers a cost-effective alternative to discrete molded keycaps, and provides reliable performance in applications requiring a high degree of ergonomic sophistication.

Advantages

- High Reliability
- Long Life
- Design Flexibility

Applications

- Medical Equipment
- Industrial Process Controllers
- Computer Peripherals
- Military Applications

Options

- Surface Mount LEDs
- PCB Assemblies
- ESD/RFI Shielding

Specifications *

- Actuation Force 4 - 16 oz.
- Switch Travel (nom) .005 - .050
- Contact Bounce < 10 ms
- Life Cycles 10⁷

*Specifications shown above are typical. Custom configurations are available.