



The Tactile Econo Dome Membrane Switch

The econo dome design membrane switch is a custom, tactile array of normally open, single-pole, single-throw (SPST) switches. The design employs a top circuit shorting pad on a pressure-formed polyester graphic overlay, an insulating spacer, and a bottom circuit with a mounting adhesive. Its simple, four-layer construction is a cost-effective design, with the reliability of a polyester dome. It is perfect for applications with the need for a low-cost, highly reliable, tactile response keyboard. Our custom tooling capability allows a broad range of dome sizes and force displacements to customize to your needs.

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 8 – 16 oz.
- Switch Travel (nom) .020 - .040
- Contact Bounce < 10 ms
- Life Cycles 10⁶

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