

Membrane Switches

Our Membrane switches are manufactured with strict process controls. Processes have been refined over years to achieve optimal performance, dependability and functionality.

Our worldwide network of quality ISO certified facilities can support your quick-turn through large production requirements

- Embossed overlays (for tactile feel)
- Mylar dome and Metal dome
- UV hard coating
- EMI, RFI and ESD shielding
- Polyester or Polycarbonate overlays
- Anyshape of keys
- Transparent, male and female connector attachments
- LED sticker
- Multi-color and reverse side printing
- A wide variety of textured overlays

Key Specifications

- Operating voltage: < 35VDC
- Operating current: < 100mA
- Contact resistance: <100 ohms
- Open circuit resistance: 10 Mohms
- Operating temperature: -35° to 85°C
- Storage temperature: -45° to 90° C
- Life expectancy: 500,000 to 30,000,000 cycles
- Switch stroke: 0.1 to 1.2 mm
- Contact bounce: 5-30 msec
- Actuation force range: 50 grams to 500 grams
- Actuation force tolerance: +/- 20~45 grams
- Tactile ratio: $F_c > 40\%$
- Operating humidity up to 95% RH
- Female, male connector, solder pins and heat seal connectors are available

