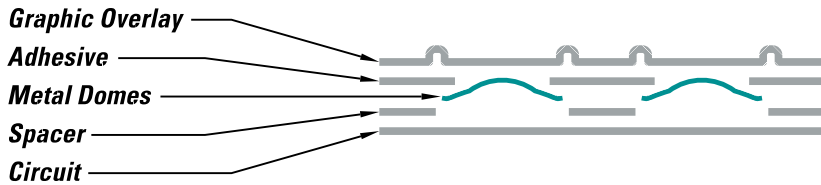
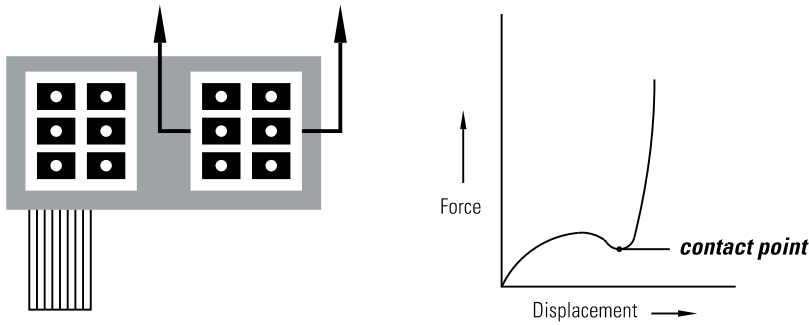




Technical Bulletin T3



The Metal Dome Membrane Switch

The METAL DOME membrane switch is a custom, tactile array of normally open single pole single throw (SPST) switches. The design employs individual domes for both tactile feedback and electrical contact. Pressure applied to the top layer partially inverts the dome to complete the circuit (see illustrations and graph). Metal domes provide consistent electrical and mechanical operation in applications requiring low current momentary tactile switches.

Advantages

- High Reliability
- Long Life
- Design Flexibility

Options

- Surface Mount LEDs Bulletin T4
- PCB Assemblies Bulletin T5
- ESD/RFI Shielding Bulletin T6

Applications

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

Specifications *

- Actuation Force 9 - 14 oz.
- Switch Travel (nom) .020
- Contact Bounce < 10 ms
- Life Cycles 10⁶

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

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