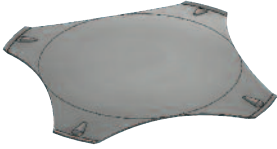


METAL "KEY-PAD" DOME SWITCHES



- Exceptional tactile feel for single or double-sided printed circuit boards
- Ideal for keypad arrays
- "Key-Pad" Domes float on PCB, no soldering recommended
- Supplied on tape and reel compatible with vacuum and mechanical pick and place systems
- Adhesive backed spacer material for creating custom "Key-Pad" arrays is also available
- Provides the proper spacing between the circuit board, the dome and the device graphic layer

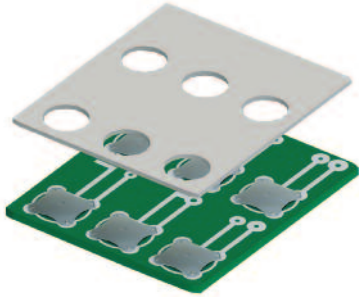


Specifications:

Material: Stainless Steel, Nickel Plated.
 Gold plating available.
Operating Temperature: -40°F to 220°F (-40°C to 104°C)
Storage Temperature: -67°F to 257°F (-55°C to 125°C)

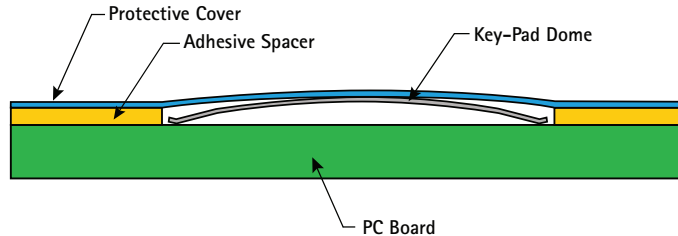
Electrical:

Contact Resistance: less than 100 mOhm
Switching Voltage: 0.1 to 100VDC
Switching Current: 5 µAmp to 100 mAmp DC
Switching Capacity: 1 Watt



"Key-Pad" Domes are ideal for Keypad arrays that require long life or a sealed interface. These snap action switches provide positive feedback with an audible and tactile click. "Key-Pad" domes are made from nickel plated stainless steel which provides a very reliable user interface (over one million cycles). "Key-Pad" domes can be placed directly to a PCB which will save on assembly cost and increase reliability. Available on tape and reel for automated pick and place assembly applications, as well as packed stacked in tubes. For pack stacked in tubes, the contour of the dome keeps an air pocket in between each dome. The air pocket allows only one dome to be picked off the stack eliminating double stacked domes.

The "Key-Pad" dome is designed to be placed on the PCB, not soldered. The domes are held in place by using a "Key-Pad" adhesive spacer (Cat. No. 5200) which requires cut outs to be added in the proper locations. If the top sealing surface has an adhesive bottom side, it will help to keep the dome in the proper location (optional).



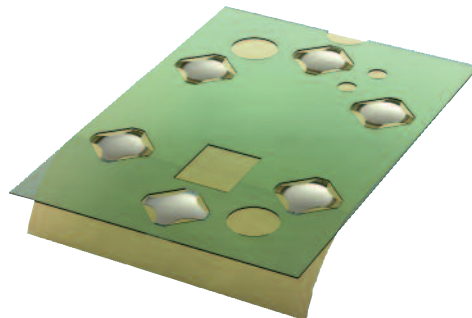
The low profile of the dome is ideal for thin, lightweight applications or applications that need to be sealed or easily cleaned. The domes can be activated from finger pressure thru a thin flexible membrane that can be sealed against the product chassis so cleaning fluids, dust or weather will not damage the circuitry.

If the device has a thicker or sculpted exterior package, the dome can be activated with an actuator. The actuator will give the "Key-Pad" dome a more conventional push button feel.

A "Key-Pad" Dome is available for almost any application with trip forces ranging from 8 oz. to 14 oz. and dome diameters from 8.4mm to 12.2mm. Trip forces are consistent from switch to switch per batch. This insures that a switch array will have a consistent feel from switch to switch. "Key-Pad" domes have a large sweet spot which allows the dome to be easily activated even though it was pushed off center. Gold plated domes are available upon request.



**COMPLETE
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For quote, please forward dome sketch layout to:
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