

Solid State Pressure Sensor

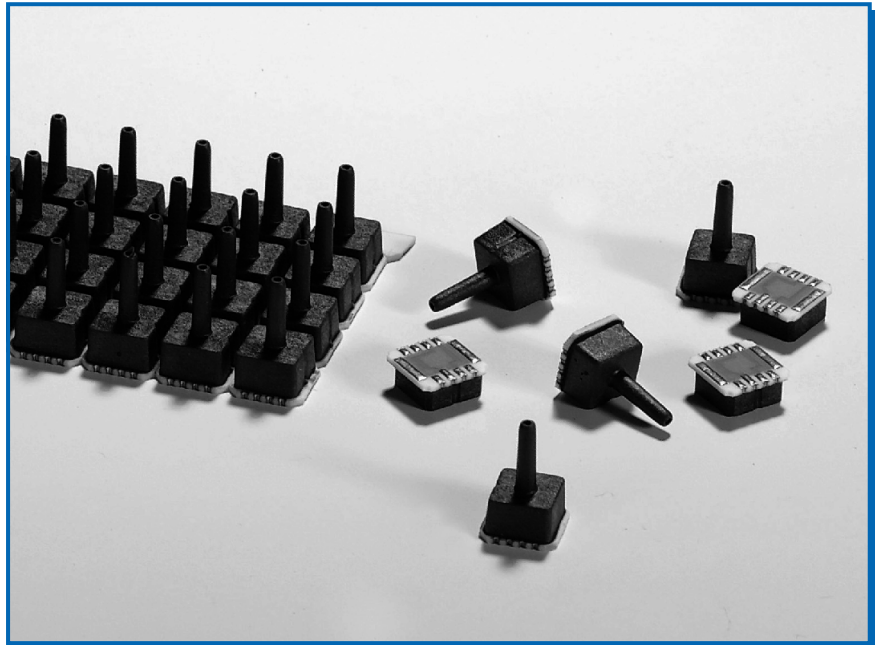
SCD SERIES

FEATURES

- Miniature Size
- Solid State Reliability
- Automated Assembly
- $\pm 0.25\%$ Accuracy
- Low Cost

APPLICATIONS

- Altitude Measurement
- Consumer and Sports
- Tire Pressure
- Automotive
- Medical Instrument



DESCRIPTION

The Model SCD is a micromachined, piezoresistive pressure sensor packaged in a surface mount configuration. It is intended for high volume applications where small size, light weight and compatibility with automated assembly equipment are required.

The device consists of an absolute pressure chip which contains an integral vacuum reference. A plastic cap is attached to the surface mountable substrate, protecting the sensor chip and allowing pressure interface.

The sensor is shipped in plastic anti-static shipped tubes. Standard absolute pressure ranges from 0-15psia to 0-150psia. Performance and wiring configuration can be changed on a special order basis to meet specific application. For other performance characteristic and wiring configuration, please contact the factory.