

Solid State Pressure Sensor

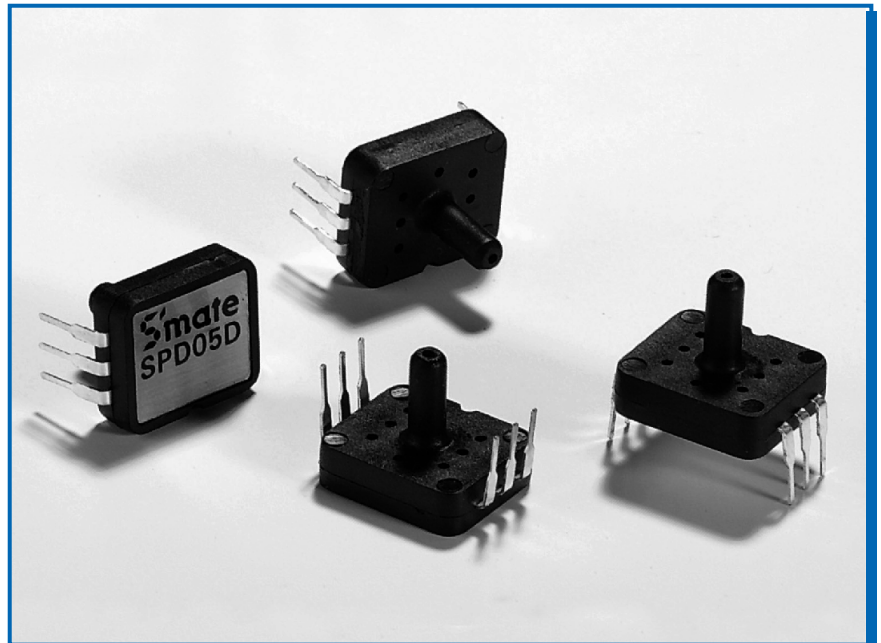
SPD SERIES

FEATURES

- Low Cost
- Easy to Use DIP Package
- Gage or Absolute Pressure
- Constant Voltage or Constant Current Drive

APPLICATIONS

- Blood Pressure Meter
- Barometric Sensing
- Portable Gages
- Process Control
- Vacuum Measurement



DESCRIPTION

The SPD Series of OEM pressure sensors are silicon pressure sensor in miniature plastic Dual-in-line package to accommodate six pins for through-board printed circuit mounting. These sensors give a voltage output which is proportional to applied pressure. The gage version will give an increasing positive going output when increasing pressure is applied to the molded pressure port. In optional absolute configuration, the pressure is applied to the top of the sensor. A reference vacuum chamber is formed in the chip during manufacturing.

These devices are available in full-scale ranges from 5 to 100 PSI.

They also may be packaged with application specific sensor die. For other lead configuration and alternative pressure ranges, please contact the factory.