

DATASHEET

SPD0.15DAsoic6 Pressure Sensor

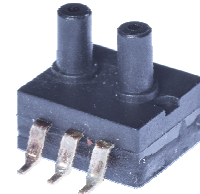
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SPD0.15DAsoic6 N

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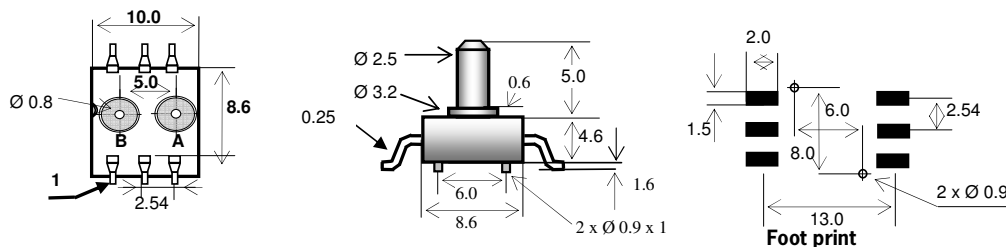
SOLID STATE SENSOR FOR DIFFERENTIAL PRESSURE MEASUREMENT IN SO6

The SPD0.15DBsoic6 series SPD Gauge Pressure sensors are designed for space sensitive applications and are encapsulated in a standard SO-6 package. The sensors are for use with non-corrosive and non-ionic media. The range of this sensor is 0.15 PSI, other ranges can be made on request.



Characteristics (measured @5V exc. voltage and 25 °C)

Parameter	Min	Typ	Max	Units.
Excitation Voltage	2.7	5	5.25	V
Supply current			3	mA
Pressure range	-0,15	0	0,15	Psi
Span		±2.00		Vdc
Offset (@ 0 psi)	2.428	2.5	2.572	Vdc
Response time		1	2	Ms
Accuracy			±2.5	%FS
Temp compensating	0		50	°C
Operating temperature	-20		70	°C
Storage temperature	-40		125	°C
Over pressure			8x	Rated pressure



- All sizes in mm (not to scale)
- Port B is positive differential
- Soldering 250 °C, 5 sec.

Pin description

1	NC
2	NC
3	GND
4	Vcc
5	Out
6	NC

NC pins must be left open

A 0.1 uf capacitor must be connected between GND and Vcc



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