

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[All Sensors Corporation](#)
[BARO-A-PRIME-MINI](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Standard Pressure Ranges

Part Number	Operating Range	Proof Pressure	Burst Pressure
BARO-A-PRIME-MINI	600 to 1100 mbar	45 PSI	60 PSI
BARO-AF-PRIME-DIP-MINI	600 to 1100 mbar	45 PSI	60 PSI
BARO-AF-PRIME-MINI	600 to 1100 mbar	45 PSI	60 PSI

Performance Characteristics

BARO-A-PRIME-MINI, BARO-AF-PRIME-DIP-MINI, BARO-AF-PRIME-MINI

Parameter, note 1	Minimum	Nominal	Maximum	Units
Output Voltage @ 1100 mbar	94.7	95.7	96.7	mV
Output Voltage @ 600 mbar	51.2	52.2	53.2	mV
Output Voltage 0 to 1100 mbar	--	0.087	--	mV/mbar
Linearity, hysteresis error, note 3	--	0.05	0.25	%fs
Output Shift (0°C-70°C), note 2	--	--	±1	%fs

Specification Notes

NOTE 1: ALL PARAMETERS ARE MEASURED AT 12.0 VOLT EXCITATION, FOR THE NOMINAL FULL SCALE PRESSURE AND ROOM TEMPERATURE UNLESS OTHERWISE SPECIFIED. PRESSURE MEASUREMENTS ARE WITH POSITIVE PRESSURE APPLIED TO PORT B.

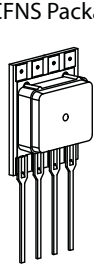
NOTE 2: SHIFT IS RELATIVE TO 25°C.

NOTE 3: MEASURED AT ONE-HALF FULL SCALE RATED PRESSURE USING BEST STRAIGHT LINE CURVE FIT.

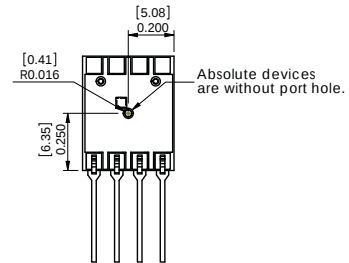
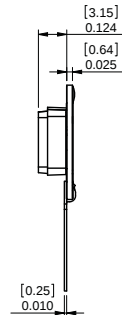
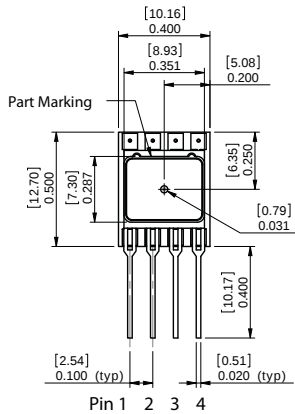
All Sensors reserves the right to make changes to any products herein. All Sensors does not assume any liability arising out of the application or use of any product or circuit described herein, neither does it convey any license under its patent rights nor the rights of others.

Physical Dimensions

CFNS Package

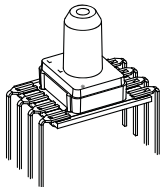


PINOUT:
1: -Vs
2: +Vout
3: +Vs
4: -Vout

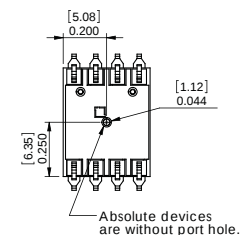
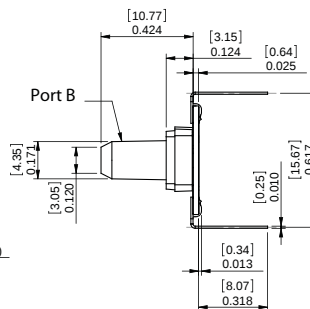
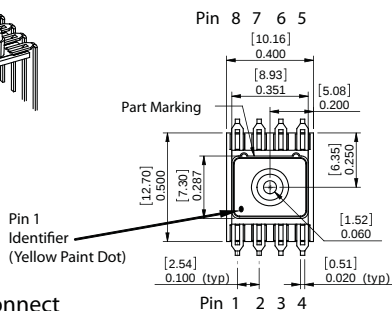


NOTES
1) Dimensions are in inches [mm].
2) For suggested pad layout, see drawing: PAD-01

CPND Package

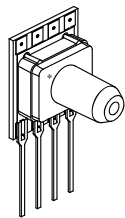


PINOUT:
1: -Vs
2: +Vout
3: +Vs
4: -Vout
5: Do Not Connect
6: Do Not Connect
7: Do Not Connect
8: Do Not Connect

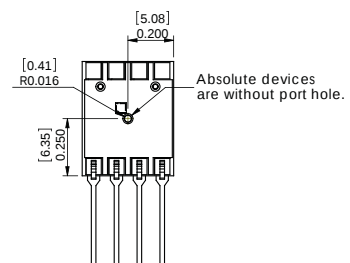
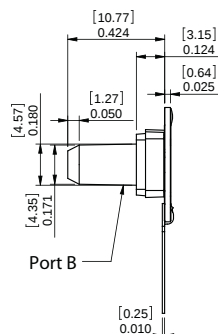
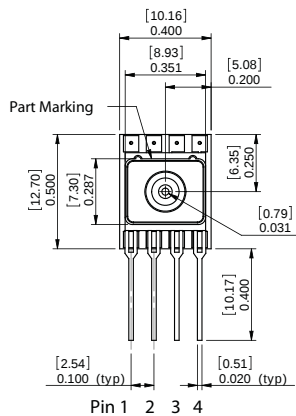


NOTES
1) Dimensions are in inches [mm].
2) For suggested pad layout, see drawing: PAD-03

CPNS Package



PINOUT:
1: -Vs
2: +Vout
3: +Vs
4: -Vout



NOTES
1) Dimensions are in inches [mm].
2) For suggested pad layout, see drawing: PAD-01