

# Characteristics

Unless otherwise specified, all parameters are measured at 25 °C and 60% RH

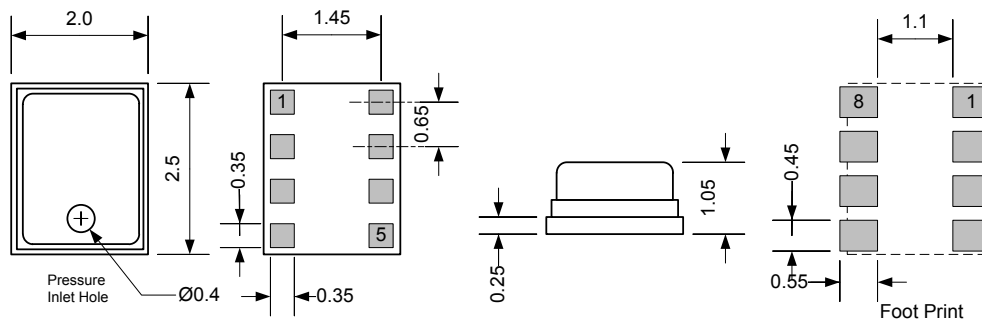
**Preliminary**

Parameters	Min	Typ	Max	Unit
Excitation <sup>1</sup>	1.8		3.6	
Pressure range	0		16	bar abs
Resolution			16	Bit
Zero Output (0 bar abs) <sup>2</sup>		6553		Dec
Full Scale Output (16 bar abs)		58983		Dec
Accuracy(25°C)		0.5		%FS, +1LSB
Accuracy(0/50°C) <sup>3</sup>		1.5		%FS, +1LSB
Accuracy(-10/70°C)		2.5		%FS, +1LSB
Update Rate		200		Hz
Over Pressure <sup>4</sup>			1.5X	Rated Pressure
Burst Pressure <sup>4</sup>			3X	Rated Pressure
Temp - Compensating	0		50	°C
Temp - Operating	-20		+85	°C
Temp - Storage	-40		+125	°C

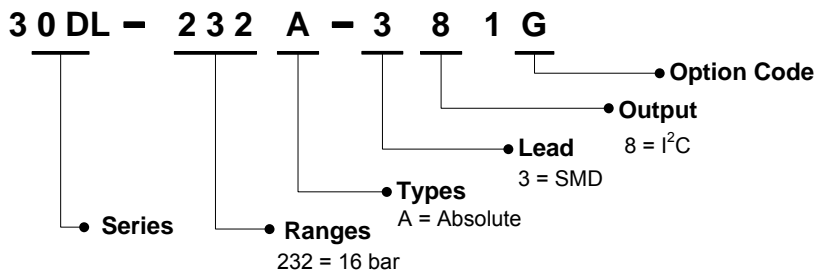
**NOTES:**

- 1. Output is non-ratiometric to supply
- 2. Zero absolute pressure
- 3. Incl. NOL, hysteresis, TCS & TCO, 0/50°C
- 4. Whole sensor is pressurized, 10/70 deg C
- 5. Minimum pull-up on SDA and SCL is 1KΩ
- 6. Wetted material contains polymer moisture insulation and gold on pads
- 7. Slave address valid range upon request: 00 HEX to 7F HEX (default: 00 HEX )

## Dimension



## Ordering Information



Pads	Description
1	n.c.
2	SCL
3	n.c.
4	EOC
5	GND
6	V <sub>DD</sub>
7	SDA
8	n.c.

#15504  
12-19 R1

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