

Characteristics

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

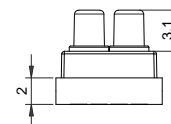
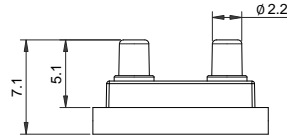
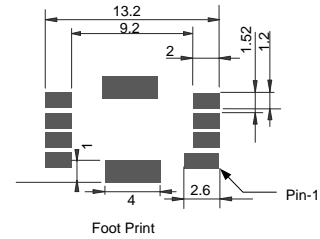
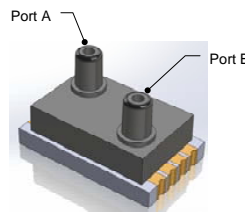
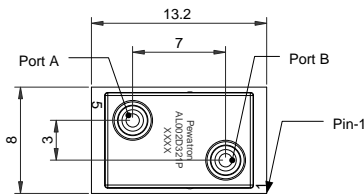
Preliminary

| Parameters | Min | Typ | Max | Unit |
|-------------------------------|------------------------------|------|-------|------|
| Excitation | 3 Vdc @ 5 mA (2.7 – 5.5 Vdc) | | | |
| Pressure range | -150 | | 150 | mbar |
| Zero Output (0 mbar) | 1.464 | 1.50 | 1.536 | V |
| Span Output (-/+150 mabr) | | 2.40 | | V |
| Accuracy(25°C) | | 0.5 | | %FS |
| Accuracy(0/50°C) ¹ | | 1.5 | | %FS |
| Accuracy(-5/55°C) | | 2.5 | | %FS |
| Linearity | -0.5 | | +0.5 | %FS |
| Thermal Hysteresis | -0.15 | | +0.15 | %FS |
| Temp - Compensating | 0 | | 50 | °C |
| Temp - Operating | -20 | | +80 | °C |
| Temp - Storage | -40 | | +125 | °C |
| Over Pressure | 3X | | | FS |
| Burst Pressure | 6X | | | FS |

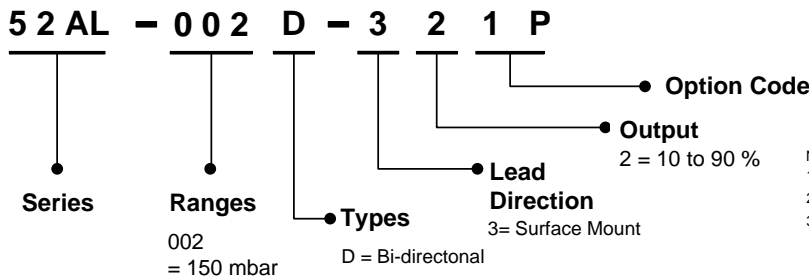
NOTES:

1. Including NOL, hysteresis, TCS and TCO from 0 to 50 deg C, BFSL definition. 0.5%FS at 25 deg C.
2. Wetted material contains PA9T, silicon, Au, pyrex, epoxy & FR4
3. Zeroing after installation is recommended
4. Output is ratiometric to supply voltage
5. Power Supply Decoupling from Pin VDD to Pin VSS: 100 nF
6. Zeroing at installation

Dimension



Ordering Information



| Pin # | Description |
|-------|-------------|
| 1~4 | N.C |
| 5 | OUT |
| 6 | N.C. |
| 7 | VDD |
| 8 | GND |

- Notes:**
1. Port B is used for positive differential or gage
 2. All dimensions are mm
 3. Soldering of lead pins: 250 °C for 5 sec max.

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12-18 R0

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