



MEAS

TE Internal #: 9D-BCK-S-001S-000

TE Internal Description: 0.15 PSID, mV, DUAL VERTICAL, STICKS

Uncompensated low pressure sensor

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Sensors > Pressure Sensors > Board Level Pressure Sensors > Uncompensated low pressure sensor



Proof Pressure Range: **1.5 psi**

Pressure: [.15 psi]

Board Level Pressure Sensor Type: **mV Output Pressure Sensors**

Board Level Pressure Sensor Style: **Differential**

Output/Span: **45 mV**

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Board Level Pressure Sensor Type | mV Output Pressure Sensors |
| Board Level Pressure Sensor Style | Differential |

Configuration Features

| | |
|-------|-----------|
| Tubes | Barb Tube |
|-------|-----------|

Electrical Characteristics

| | |
|--|-------|
| Board Level Pressure Sensor Supply Voltage | 6.5 V |
|--|-------|

Dimensions

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|------------|---------------------------------|
| Dimensions | 10.26 x 10.31 mm [.40 x .41 in] |
|------------|---------------------------------|

Usage Conditions

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|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 85 °C [-40 – 185 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|--------------------------------------|-----------|
| Proof Pressure Range | 1.5 psi |
| | .15 psi |
| Output/Span | 45 mV |
| Board Level Pressure Sensor Accuracy | ±0.1% F.S |

Packaging Features

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|---------------|---------------|
| Package Style | Dual Vertical |
|---------------|---------------|

Board Level Pressure Sensor Package

SOIC-16

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Customers Also Bought



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_9D-BCK-S-001S-000_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9D-BCK-S-001S-000_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9D-BCK-S-001S-000_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SM9D-G](#)

English