SM9D-BCK-S-015S-000 ✔ ACTIVE

MEAS

TE Internal #: 9D-BCK-S-015S-000

TE Internal Description: 1.50 PSID, mV, DUAL VERTICAL, STICKS

Uncompensated low pressure sensor

View on TE.com >

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



Proof Pressure Range: **12 psi**

Pressure: **[1.5 psi]**

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

Board Level Pressure Sensor Style: **Differential**

Output/Span: **90mV**

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

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

Usage Conditions

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

Operation/Application

Proof Pressure Range	12 psi
	1.5 psi
Output/Span	90mV
Board Level Pressure Sensor Accuracy	±0.1% F.S

Packaging Features

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



TE Part # CAT-BLPS0076

Uncompensated low pressure sensor

Customers Also Bought



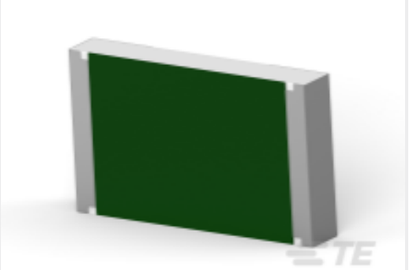
TE Part #292133-4
CT P/HDR ASSY BOX V 4P W/O KIN



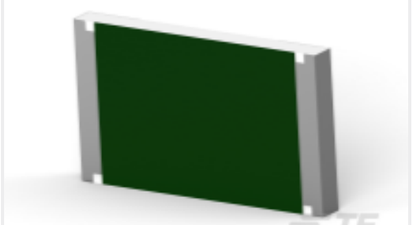
TE Part #1825255-1
MHS12204=SPDT SL SW VERT AG



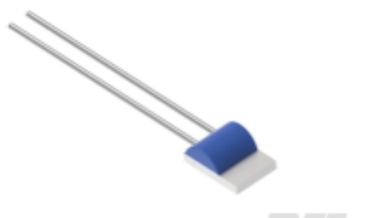
TE Part #2267078-5
TMS3T5B2M2RE



TE Part #1-2176402-1
3540 1K8 5%



TE Part #9-2176406-7
3560 10K 1%



TE Part #NB-PTCO-165
Pt1000, 2.0x2.3, Class T, PTFC102T1A0



TE Part #292133-3
CT P/HDR ASSY BOX V 3P W/O KIN

TE Part #5G-GGG-S-005S-000
5PSI GAUGE PRESSURE SENSOR

TE Part #5G-GGG-S-015S-000
15PSI, GAUGE PRESSURE SENSOR

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_9D-BCK-S-015S-000_1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_9D-BCK-S-015S-000_1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_9D-BCK-S-015S-000_1.3d_stp.zip

English

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Datasheets & Catalog Pages

SM9D-G

English