



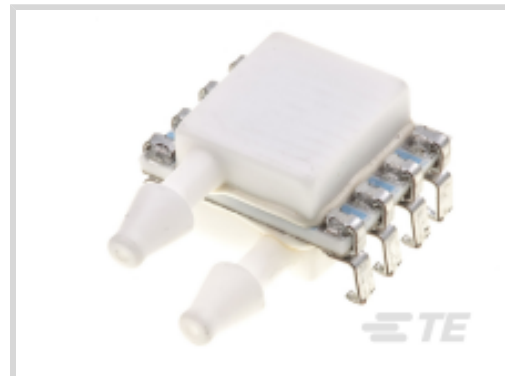
MEAS | MEAS MS4525

TE Internal #: 4525-DS5A001DP

Analog Pressure Sensor Modules, Differential, 1 psi [.068 bar],
Output/Span 10 - 90% Vdc, ±0.25% Span, Supply Voltage 5 V,
MEAS MS4525

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Mount Pressure Sensors > PCB MOUNTED ANALOG PRESSURE SENSOR



Board Level Pressure Sensor Type: **Analog Pressure Sensor Modules**

Board Level Pressure Sensor Style: **Differential**

Proof Pressure Range: **1 psi**

Pressure: **.068 bar [1 psi]**

Output/Span: **10 - 90% Vdc**

Features

Product Type Features

Board Level Pressure Sensor Type	Analog Pressure Sensor Modules
Board Level Pressure Sensor Style	Differential

Configuration Features

Leads/Pins	Through Hole
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Electrical Characteristics

Board Level Pressure Sensor Supply Voltage	5 V
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Dimensions

Dimensions	12.5 x 9.9 mm [.49 x .39 in]
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Usage Conditions

Pressure	.068 bar [1 psi]
Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]

Operation/Application

Proof Pressure Range	1 psi
Output/Span	10 - 90% Vdc
Board Level Pressure Sensor Accuracy	±0.25% Span

Packaging Features

Package Style	Dual Sideport
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Board Level Pressure Sensor Package

8 pin DIL

Other

Sensor Options

No Option

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

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: JUNE 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 Does not contain REACH SVHC

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



Also in the Series | [MEAS MS4525](#)



Board Mount Pressure Sensors(40)

Customers Also Bought



TE Part #1825280-1
SSJ1204 LOW P SLIDE SWITCH SPDT



TE Part #1-2176348-0
CRGCQ 2010 33R 5%



TE Part #FC2311-0000-1000-L
FC23 MV 2FT CABLE 1000L



TE Part #85-015G-FC
15 PSIG FLUSH MOUNT PRESSURE SENSOR



TE Part #10142048-30
HTU31V I.C 31V RH/T ANALOG R400 4kV




TE Part #20011957-00
TSYS03 TEMP SENSOR TDFN8 2.5X2.5MM I2C



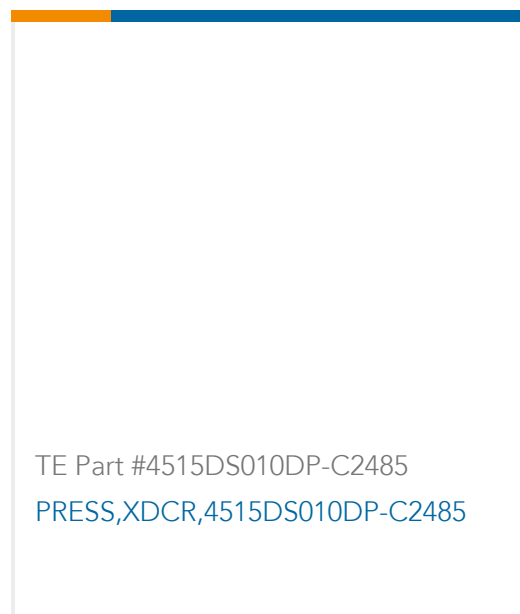
TE Part #5474213003
FLHTC0311-1.00-2



TE Part #7-2176421-7
TLRP 2512 2.0W R006 1% 75PPM 4K RL



TE Part #38943-20
CONTACT GAUGE 20 S



TE Part #4515DS010DP-C2485
PRESS,XDCR,4515DS010DP-C2485

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_4525-DS5A001DP_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4525-DS5A001DP_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4525-DS5A001DP_C.2d_dxf.zip](#)



English

[3D PDF](#)

3D

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Datasheets & Catalog Pages

[Data sheet](#)

English