4525-DS3A001DP ✔ ACTIVE

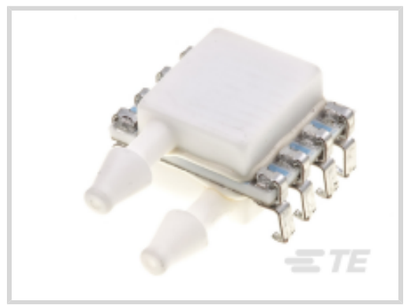
MEAS | MEAS MS4525

TE Internal #: 4525-DS3A001DP

Analog Pressure Sensor Modules, Differential, 1 psi, 10 - 90% Vdc, ±0.25% Span Pressure Accuracy, Supply Voltage Range 3.3 V, MEAS MS4525

View on TE.com >

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



Pressure Sensor Type: **Analog Pressure Sensor Modules**

Pressure Type: **Differential**

Pressure: **[1 psi]**

Output Signal Type: **10 - 90% Vdc**

Pressure Accuracy: **±0.25% Span**

Features

Product Type Features

Sensor Package	8 pin DIL
Pressure Sensor Type	Analog Pressure Sensor Modules
Pressure Type	Differential

Electrical Characteristics

Supply Voltage Range	3.3 V

Dimensions

Product Width	17.4 mm[.685 in]
Product Length	12.7 mm[.5 in]
Product Height	7.2 mm[.283 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]

Operation/Application

Output Interface	I^2C
	1 psi
Output Signal Type	10 - 90% Vdc
Pressure Accuracy	±0.25% Span

Other

Sensor Options	No Option

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	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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 4525DO-DS5AI001DP
1IN PCB MOUNT I2C DIFF PRESSURE SENSOR

Also in the Series | MEAS MS4525



Board Mount Pressure Sensors(40)

Customers Also Bought



TE Part #4525-DS5A001DP
PRESS XDCR, ANALOG, PSI RANGE



TE Part #1658613-3
15 POS HDF PLUG, MS, LEAD FREE



TE Part #188275-8
MICRO-MATCH SMD FTE



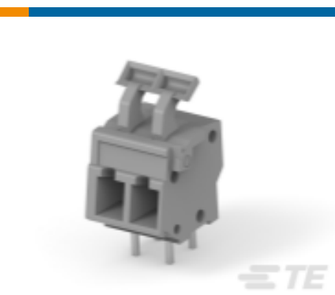
TE Part #1622820-4
3520 10R 5%



TE Part #1623292-1
CRG0805 1% 8K2



TE Part #5-103958-1
10X2 MTE RPT SR LATCH .100CL



TE Part #2834082-1
5.0MM SIDE ENTRY MSC 2P_GY



TE Part #2176337-7
CRGCQ 0402 33R 1%



TE Part #7-2176613-3
EP 4W (SS) 1K0 5%

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_4525-DS3A001DP_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_4525-DS3A001DP_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4525-DS3A001DP_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Data sheet

English

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TE Connectivity:

T4110001051-000 1376477-4 175024-1 1877285-7 2303206-4 T1330060132-000 SMF71K6JT 178964-5 353715-2 59803-1 620144-000 9-1318119-3 TAD1483A201-002 1-1123722-3 1-178140-5 172495-1 175020-1 2071556-7 2267795-2 2388278-1 937313-1 1-179554-3 2425753-2 917700-1 T4113011021-000 1-178128-4 1-480701-0 T2020001005-000 2840451-1 AKUA876NN0085152A000