4525DO-DS5AI001DP ✔ ACTIVE

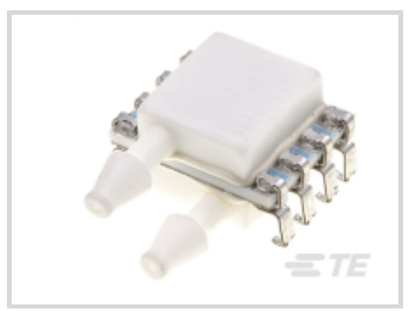
MEAS | MEAS MS4515DO

TE Internal #: 4525DO-DS5AI001DP

Digital Pressure and Altimeter Sensor Modules, Differential, 300 psi, 14 bit ADC, ±0.25% Span Pressure Accuracy, MEAS MS4515DO

View on TE.com >

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



Pressure Sensor Type: **Digital Pressure and Altimeter Sensor Modules**

Pressure Type: **Differential**

Pressure: **[300 psi]**

Output Signal Type: **14 bit ADC**

Pressure Accuracy: **±0.25% Span**

Features

Product Type Features

Sensor Package	8 pin DIL
Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Pressure Type	Differential

Electrical Characteristics

Supply Voltage Range	5 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	-10 – 85 °C[14 – 185 °F]

Operation/Application

	300 psi
Output Signal Type	14 bit ADC
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 # 4515DO-DS3BK005DPL
PRESS XDCR,DIGITAL,INH20 RANGE



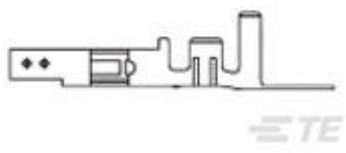
TE Part # 4525-DS3A001DP
1PSI DP PRESSURE SENSOR 10% TO 90%

Also in the Series | MEAS MS4515DO



Board Mount Pressure Sensors(35)

Customers Also Bought



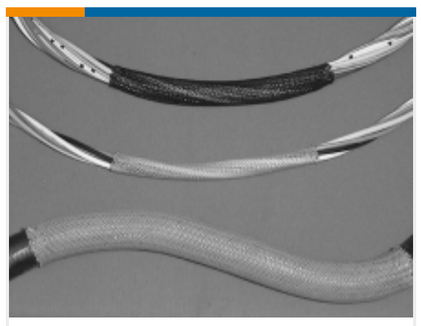
TE Part #794956-1
VAL-U-LOK SKT BR SN 22-18AWG



TE Part #1879216-6
CPF 0402 56K2 0.1% 25PPM 1K RL



TE Part #3-2176325-9
CRGP 0402 15K 1%



TE Part #CH02024001
VERSAFLEX-1/4-0-SP



TE Part #4525DO-DS3AI005DPF
PCB MOUNTED DIGITAL PRESSURE SENSOR



TE Part #IN24-5RD-RSMA
Dipol,RDuck,Fixed,RSMAM 2400-2485MHz,5dB

TE Part #91H1-21-15-1-B
91H1-21-15-1-B

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_4525DO-DS5AI001DP_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_4525DO-DS5AI001DP_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_4525DO-DS5AI001DP_D.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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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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