

4515DO-DS3BK005DP

✓ ACTIVE

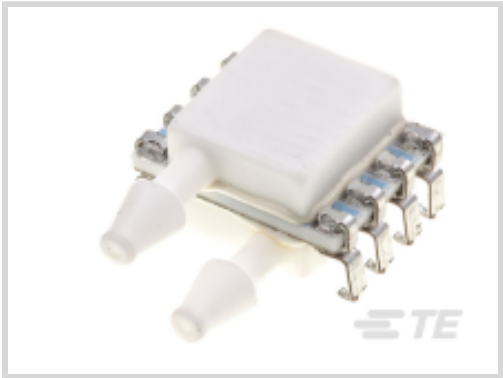
MEAS | MEAS MS4515DO

TE Internal #: 4515DO-DS3BK005DP  
Digital Pressure and Altimeter Sensor Modules, Differential, 5  
inH2O, 300 psi, 14 bit ADC, ±0.25% Span Pressure Accuracy, MEAS  
MS4515DO

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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**

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 | 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 | -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)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 MS4515DO

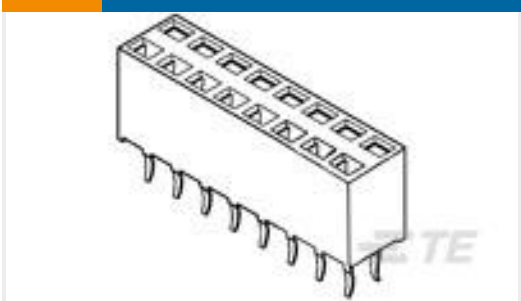


Board Mount Pressure Sensors(35)

Customers Also Bought



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



TE Part #1-215307-0  
2X10P HV100 REC CON. TE, 7.0MM



TE Part #100616-2  
8/8 MOD.JACK ASSY TE SHIELDED



TE Part #YDIV46E13-35PNV001  
PLUG ASSY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4515DO-DS3BK005DP\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4515DO-DS3BK005DP\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4515DO-DS3BK005DP\_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