



MEAS | MEAS MS4515DO

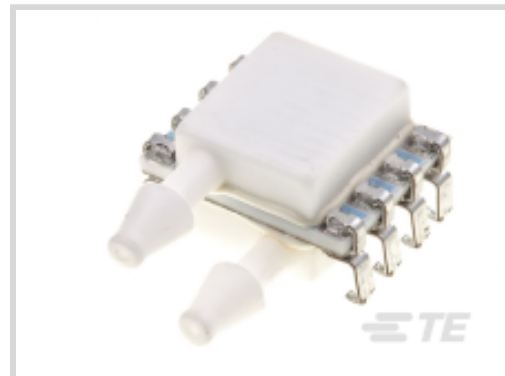
TE Internal #: 4515DO-DS3BK002DPL

TE Internal Description: 2IN PCB MOUNT I2C DIFF PRESSURE SENSOR

PCB MOUNTED DIGITAL PRESURE SENSOR

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Level Pressure Sensors > PCB MOUNTED DIGITAL PRESURE SENSOR



Pressure: [ 2 inH2O ]

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

Board Level Pressure Sensor Style: **Differential**

Output/Span: **14 bit ADC**

[All PCB MOUNTED DIGITAL PRESURE SENSOR \(17\)](#)

## Features

### Product Type Features

Board Level Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Board Level Pressure Sensor Style	Differential

### Electrical Characteristics

Board Level Pressure Sensor Supply Voltage	3.3 V
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### Dimensions

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

Operating Temperature Range	-10 – 85 °C [14 – 185 °F]
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### Operation/Application

	2 inH2O
Output/Span	14 bit ADC
Board Level Pressure Sensor Accuracy	±0.25% Span

### Packaging Features

Board Level Pressure Sensor Package	8 pin DIL
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### Other

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Options

Low Power

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2021 (219)  
 Candidate List Declared Against: JUL 2021 (219)  
 SVHC > Threshold:  
 Dodecamethylcyclohexasiloxane (D6) (.31% in Sealant)

**Article Safe Usage Statements:**

Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 Level Pressure Sensors(19)

## Customers Also Bought



TE Part #3-1419104-9  
T9AS5D22-5



TE Part #215605-4  
96P.IEC-C MALE CONN



TE Part #350712-4  
09P UMNL PIN HDR ASSY 94VO LF



TE Part #1-794068-0  
16P MINI UMNL HDR W/DH SN



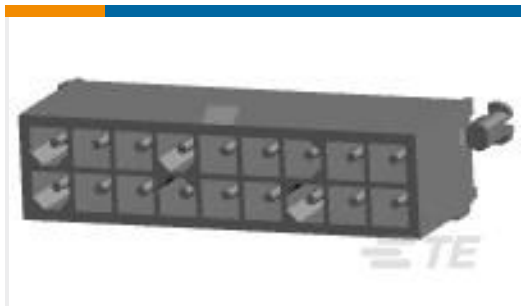
TE Part #1-1565994-4  
RITS HDR ASSY R/A SMT TYPE 4P



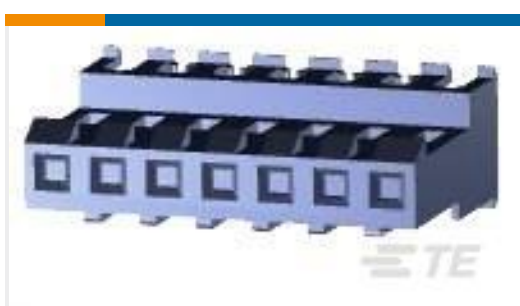
TE Part #4-2176304-5  
RP 1E 0.1W 28R7 0.1% 25PPM 5K RL



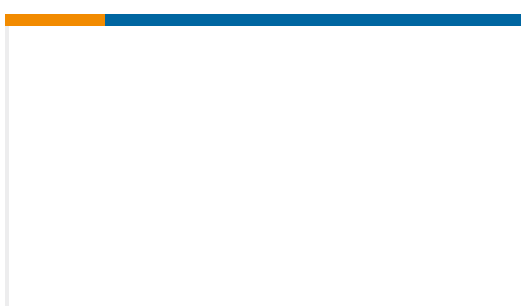
TE Part #3-2176306-9  
RP 1E 0.1W 2K87 0.1% 25PPM 5K RL



TE Part #1-794069-0  
18P MINI UMNL HDR W/DH SN LF



TE Part #3-640600-7  
07P MTA156 CONN ASSY 20AWG LF



TE Part #4515DO-DS3BK010DPL  
PRESS XDCR,DIGITAL,INH20 RANGE

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_4515DO-DS3BK002DPL\\_D.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_4515DO-DS3BK002DPL\\_D.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_4515DO-DS3BK002DPL\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

[Data sheet](#)

English