



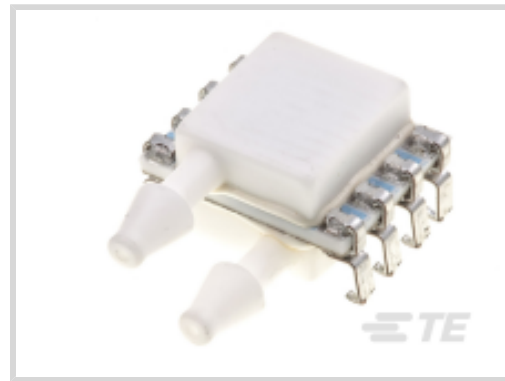
MEAS | MEAS MS4515DO

TE Internal #: 4515DO-DS3BK020DPL

Digital Pressure and Altimeter Sensor Modules, Differential, 20 inH₂O, 300 psi, Output/Span 14 bit ADC, ±0.25% Span, MEAS MS4515DO

[View on TE.com >](#)

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



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

Board Level Pressure Sensor Style: **Differential**

Pressure: [**300 psi**]

Output/Span: **14 bit ADC**

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

	300 psi
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

Sensor Options	Low Power
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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: 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 MS4515DO](#)



Board Mount Pressure Sensors(35)

Customers Also Bought



TE Part #4515DO-DS3BK030DPL
30IN PCB MOUNT I2C DIFF
PRESSURE SENSOR



TE Part #102154-4
020 UNIV HDR SP 4S 30DP STD



TE Part #T4145015051-001
M12 R/A F PNLREAR STAMPED PIN A-
CODE 5P



TE Part #826926-4
4P AMPMODU II STIFT LEI



TE Part #5569381-1
STK MJ ASSY,8POS,2X1,SHLD,CAT5



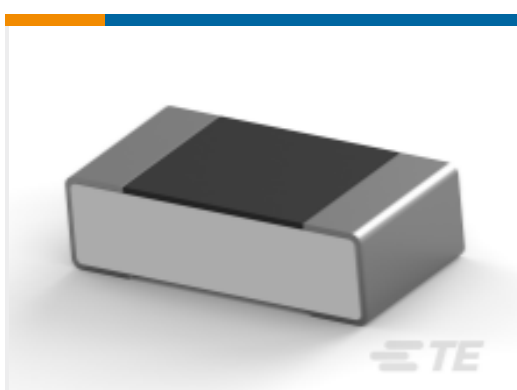
TE Part #1445886-6
RET PIN,SNAP-IN RECEPTACLE



TE Part #1-84953-1
1MM FPC HORZ.TOP CONT.ASSY 11P



TE Part #826926-8
AMPMODU II HDR R/A DBL RW
UNSHR



TE Part #9-2176370-6
RQ 0603 4K22 0.1% 10PPM 5K RL

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_4515DO-DS3BK020DPL_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4515DO-DS3BK020DPL_D.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_4515DO-DS3BK020DPL_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Data sheet](#)

English