



MEAS | MEAS MS5525DSO

TE Internal #: 5525DSO-DB001DS

Digital Pressure and Altimeter Sensor Modules, Differential, 1 psi, Output/Span 24 bit ADC, ±0.25% Span, Supply Voltage 1.8 – 3.6 V, MEAS MS5525DSO

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Sensors > Pressure Sensors > Board Mount Pressure Sensors > DIGITAL SMALL OUTLINE PRESSURE SENSOR



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

Board Level Pressure Sensor Style: **Differential**

Proof Pressure Range: **60 psi**

Pressure: **[1 psi]**

Output/Span: **24 bit ADC**

[All DIGITAL SMALL OUTLINE PRESSURE SENSOR \(10\)](#)

Features

Product Type Features

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

Configuration Features

Leads/Pins	Gull Wing
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Electrical Characteristics

Board Level Pressure Sensor Supply Voltage	1.8 – 3.6 V
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Dimensions

Dimensions	12.5 x 7.9 mm [.49 x .31 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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Operation/Application

Output Interface	I ² C and SPI (Mode 0, 3)
Proof Pressure Range	60 psi
	1 psi
Output/Span	24 bit ADC



Board Level Pressure Sensor Accuracy	±0.25% Span
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Packaging Features

Package Style	Dual Barb
Board Level Pressure Sensor Package	SOIC-14

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 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

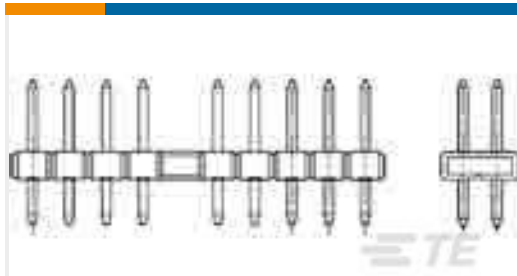


Also in the Series | **MEAS MS5525DSO**



Board Mount Pressure Sensors(10)

Customers Also Bought



TE Part #3-5176264-9
50 AMPMODU 2MM DR VERT MNT LF



TE Part #7-2213767-7
AV19 DPL 5A MOVE RING LED BLUE 12V



TE Part #1-1437664-7
NC6-P107-12=NC6 ASSEMBLY



TE Part #2118725-2
STD SHIELD COVER, CRS-44.97X44.97X2.00MM



TE Part #2118726-2
STD SHIELD FRAME, CRS-44.37X44.37X9.75MM



TE Part #2-2176337-4
CRGCQ 0402 820R 1%



TE Part #927774-3
JPT REC 2.8 Contact SRC Sn



TE Part #1413009-9
V23086C2001A403

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5525DSO-DB001DS_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5525DSO-DB001DS_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5525DSO-DB001DS_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

MS5525DSO

English



Product Specifications

MS5525DSO Series Surface Models

English