



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



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

Pressure Type: **Differential**

Proof Pressure Range: **60 psi**

Pressure: **[1 psi]**

Output Signal Type: **24 bit ADC**

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

Features

Product Type Features

Sensor Package	SOIC-14
Leg Style	Gull Wing
Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Pressure Type	Differential

Electrical Characteristics

Supply Voltage Range	1.8 – 3.6 V
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Dimensions

Product Width	7.9 mm[.311 in]
Product Length	12.5 mm[.492 in]
Product Height	9.7 mm[.381 in]

Usage Conditions

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

Output Interface	I²C and SPI (Mode 0, 3)
Proof Pressure Range	60 psi
	1 psi



Output Signal Type	24 bit ADC
Pressure Accuracy	±0.25% Span

Packaging Features

Sensor Port Configuration	Dual Barb
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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: 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

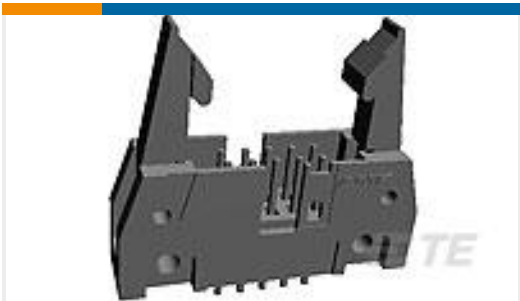


Also in the Series | MEAS MS5525DSO

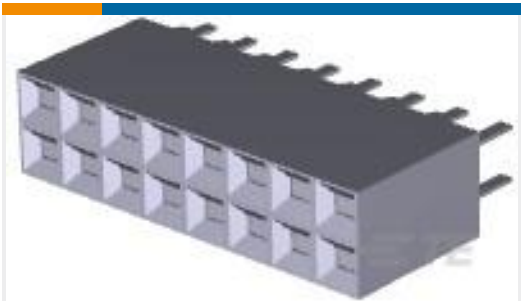


Board Mount Pressure Sensors(10)

Customers Also Bought



TE Part #5499206-8
A/L UNIV HDR 34P VERT LG LAT



TE Part #5-534206-8
16 MODII VRT DR CE 100/115



TE Part #5-104071-5
25 SYSTEM 50 HDR SRST SHRD SN



TE Part #4-2176337-6
CRGCQ 0402 56K 1%



TE Part #9-1617515-1
3SBH1195A2=M39016/53-006L



TE Part #20003318-00
PRESS XDCR M32JM-00000E-010BG



TE Part #6-103635-9
20 MTE HDR SRRA LTCH.100CL LF



TE Part #ANT-LTE-MON-SMA-L
Antenna MON-L LTE/GPS Swivel SMA



TE Part #1-1617754-7
FCA-410-1620M=M83536/16-020M

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