



MEAS | MEAS MS5541

TE Internal #: 325541010-00

Digital Pressure and Altimeter Sensor Modules, Absolute, 30000 mbar, Output/Span 16 bit ADC, -400 to +500mbar, Supply Voltage 2.2 – 3.6 V, MEAS MS5541

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Mount Pressure Sensors



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

Board Level Pressure Sensor Style: **Absolute**

Pressure: **30000 mbar**

Output/Span: **16 bit ADC**

Board Level Pressure Sensor Accuracy: **-400 to +500mbar**

Features

Product Type Features

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

Electrical Characteristics

Board Level Pressure Sensor Supply Voltage	2.2 – 3.6 V
--	-------------

Dimensions

Dimensions	6.2 x 6.4 mm [.24 x .25 in]
------------	-----------------------------

Usage Conditions

Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
-----------------------------	----------------------------

Operation/Application

Resolution	3
Pressure	30000 mbar
Output/Span	16 bit ADC
Board Level Pressure Sensor Accuracy	-400 to +500mbar

Packaging Features

Board Level Pressure Sensor Package	Surface Mountable
-------------------------------------	-------------------

Other

Sensor Options

No Option

Product Compliance

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

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Out of Scope

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: JUN 2020 (209)
SVHC > Threshold:
DEHP (14.2% in in component)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. 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

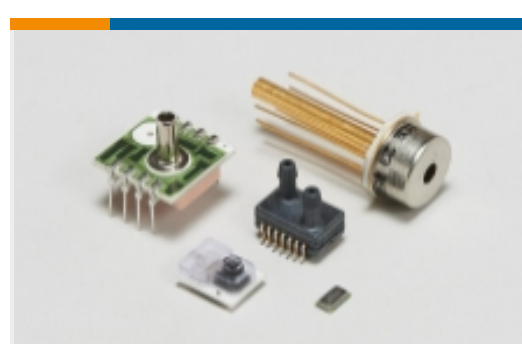
Solder Process Capability

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>

Also in the Series | [MEAS MS5541](#)



[Board Mount Pressure Sensors\(1\)](#)

Customers Also Bought



TE Part #2199230-5
M.2 0.5PITCH 4.2H KEY B 30U" AU



TE Part #2301826-2
AMPL PLUG HD20, VERT, 9P, B/L, 4-40
S/LOC



TE Part #7-146256-0
40 MODII HDR DRST B/A .100CL L



TE Part #350713-4
12P UMNL PIN HDR ASSY 94VO LF



TE Part #641737-1
04P CMNL HDR ASSY R/A PC NATL



TE Part #640445-5
05P MTA156 HDR ASSY FL/STR SN



TE Part #1SNK505010R0000
ZS4



TE Part #9-1393792-9
V23105A5305A201



TE Part #20018122-00
830M1-1000 Triaxial 1Kg Tape Reel
150pc

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_325541010-00_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_325541010-00_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_325541010-00_1.3d_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