

# MS561101BA03-50 ✓ ACTIVE

MEAS | MEAS MS5611

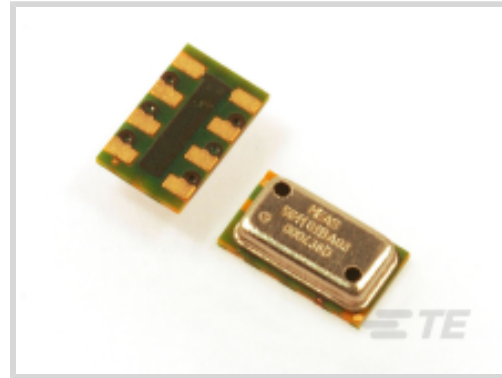
TE Internal #: MS561101BA03-50

Digital Pressure and Altimeter Sensor Modules, Absolute, Output /Span 24 bit ADC,  $\pm 1.5\text{mbar}$ , Supply Voltage 1.8 – 3.6 V, MEAS MS5611

[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**

Output/Span: **24 bit ADC**

Board Level Pressure Sensor Accuracy:  **$\pm 1.5\text{mbar}$**

Board Level Pressure Sensor Supply Voltage: **1.8 – 3.6 V**

## 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	1.8 – 3.6 V
--	-------------

### Dimensions

Dimensions	5 x 3 x 1 mm [.19 x .11 x .04 in]
------------	-----------------------------------

### Usage Conditions

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

### Operation/Application

Resolution	.012
Output/Span	24 bit ADC
Board Level Pressure Sensor Accuracy	$\pm 1.5\text{mbar}$

### 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	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: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 MS5611



Board Mount Pressure Sensors(1)



Sensor Development Boards and Evaluation Kits(1)

## Customers Also Bought



TE Part #5525DSO-DB001DS  
1PSID DIGITAL PRESSURE SENSOR



TE Part #5-2176330-3  
CRGP 2010 220K 1%



TE Part #2-2176306-8  
RP 1E 0.1W 2K21 0.1% 25PPM 5K RL



TE Part #7-2176304-2  
RP 1E 0.1W 54R9 0.1% 25PPM 5K RL

TE Part #6-1768392-9  
HPR100A-030008-5-9

TE Part #7-1768392-3  
HPR100A-020006-10-9

TE Part #83000-000  
VCS-04016 VERTICAL LEVEL SENSORS

TE Part #9-1768392-3  
HPR100A-045015-1-9

TE Part #2351333-1  
HPR100A-030008-1-9

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_MS561101BA03-50\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_MS561101BA03-50\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_MS561101BA03-50\\_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