

MS561101BA03-50 ✓ ACTIVE

MEAS | MEAS MS5611

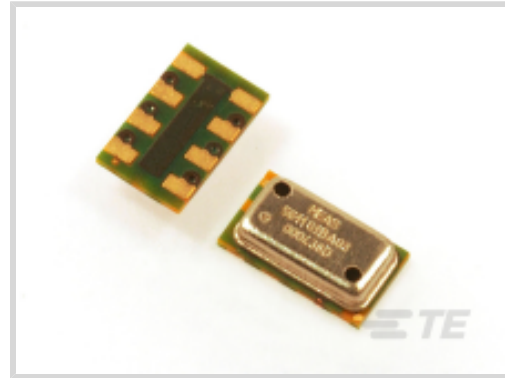
TE Internal #: MS561101BA03-50

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ± 1.5 mbar Pressure Accuracy, 1.8 – 3.6 V Supply Voltage Range, MEAS MS5611

[View on TE.com >](#)



Sensors > Pressure Sensors > Board Mount Pressure Sensors



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

Pressure Type: **Absolute**

Output Signal Type: **24 bit ADC**

Pressure Accuracy: **± 1.5 mbar**

Supply Voltage Range: **1.8 – 3.6 V**

Features

Product Type Features

Sensor Package	Surface Mountable
Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Pressure Type	Absolute

Electrical Characteristics

Supply Voltage Range	1.8 – 3.6 V
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Dimensions

Product Width	3 mm [.118 in]
Product Length	5 mm [.196 in]
Product Height	1 mm [.039 in]

Usage Conditions

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

Resolution	.012
Output Signal Type	24 bit ADC
Pressure Accuracy	± 1.5 mbar

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: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

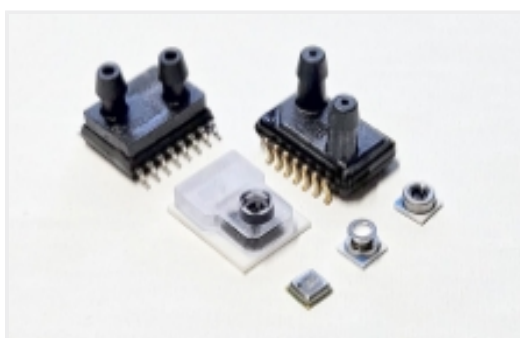
Solder Process Capability

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)

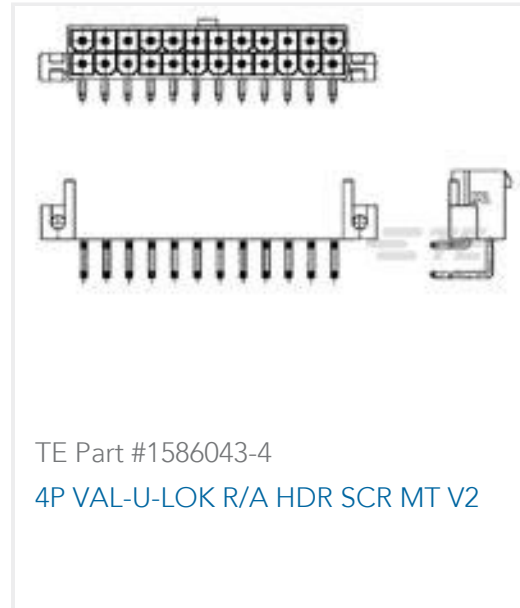


Sensor Development Boards and Evaluation Kits(1)

Customers Also Bought



TE Part #CAT-FSS0010
 3/8 BSP MALE WATER FLOW SWITCH



TE Part #1586043-4
 4P VAL-U-LOK R/A HDR SCR MT V2



TE Part #2-1734248-4
 1.0 FPC, ZIF V/T, SMT, 24P



TE Part #5-2176231-8
 3522 2K4 1% 3W



TE Part #1-2176364-2
 RQ 0402 6K04 0.1% 10PPM 5K RL



TE Part #2-2176400-9
 3540 15R 1%



TE Part #1-2307817-4
 14P, 2MM, BB, REC, DRVT, SMD, 0.1AU, TR, W/CP



TE Part #CAT-AM74-UN384H
 AMP-LATCH UNIVERSAL HEADERS

Documents

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

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Data sheet

English