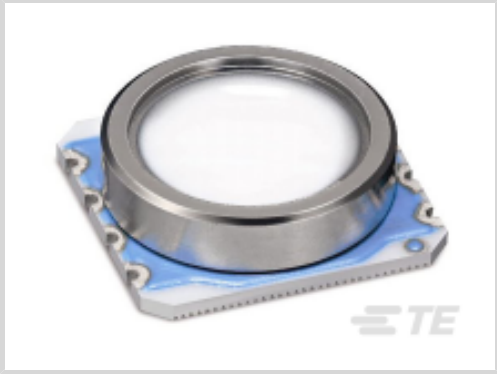




Sensors > Pressure Sensors > Board Mount Pressure Sensors



Board Level Pressure Sensor Type: **Digital Pressure and Altimeter Sensor Modules**
Board Level Pressure Sensor Style: **Absolute**
Pressure: **1000 mbar**
Output/Span: **24 bit ADC**
Board Level Pressure Sensor Accuracy: **±2.5mbar**

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
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Dimensions

Dimensions	6.2 x 6.4 mm[.24 x .25 in]
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Usage Conditions

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

Resolution	.012
Pressure	1000 mbar
Output/Span	24 bit ADC
Board Level Pressure Sensor Accuracy	±2.5mbar

Packaging Features

Board Level Pressure Sensor Package	Surface Mountable
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Other



Sensor Options	No Option
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



TE Part # MS580314BA01-00
MS5803-14BA01 DIGIT PRESSURE
SENSOR TUBE



TE Part # MS580302BA01-00
MS5803-02BA01 DIGIT PRESSURE
SENSOR TUBE

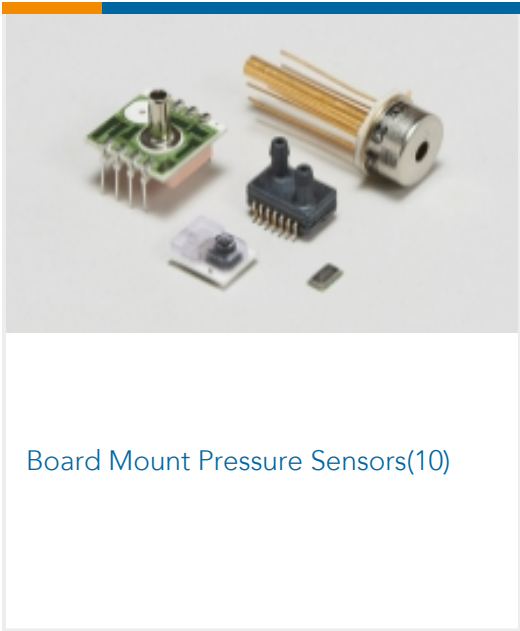


TE Part # MS580305BA01-00
MS5803-05BA 5BAR WHITE GEL TUBE



TE Part # MS580330BA01-00
MS5803-30BA01 DIGIT PRESSURE
SENSOR

Also in the Series | MEAS MS5803



Customers Also Bought

 TE Part #6-1879215-5 CPF 0402 21K5 0.1% 25PPM 1K RL	 TE Part #1-1879214-6 CPF 0402 464R 0.1% 25PPM 1K RL	 TE Part #304Z-05495 Speed sen DSE 1210.25 AHZ	 TE Part #304Z-03106 Speed sen DSE 1210.01 ATZ
 TE Part #374Z-03870 Speed sen DSF 1210.00 STV (5m)	 TE Part #374Z-04428 Speed sen DSF 1410.02 AHV L=100	 TE Part #304Z-05942 Speed sen DSE 1210.00 SHZ (15m)	 TE Part #73350004-001 3150 PCI-4030
 TE Part #86BSD150PA-3BIRL PRESS,ISO,BACK-SIDE DIGITAL	 TE Part #20010725-08 PRESS XDCR U535D-01001B-150PG		

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_MS580301BA01-00_A.2d_dxf.zip
- English
- Customer View Model
- ENG_CVM_CVM_MS580301BA01-00_A.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_MS580301BA01-00_A.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