



MEAS | MEAS MS5805

TE Internal #: MS580502BA01-50

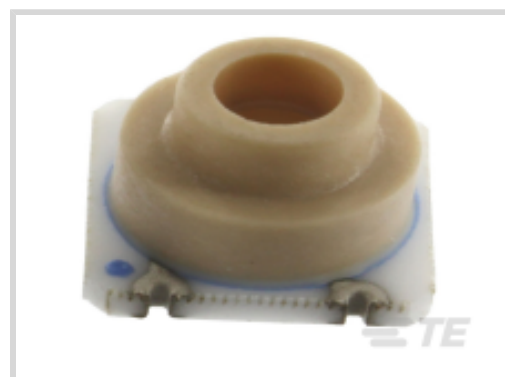
Digital Pressure and Altimeter Sensor Modules, Absolute, Output

/Span 24 bit ADC, ±4mbar, Supply Voltage 1.8 – 3.6 V, MEAS

MS5805

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Sensors > Pressure Sensors > Board Mount Pressure Sensors > MINIATURE DIGITAL PRESSURE SENSOR



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: **±4mbar**

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

[All MINIATURE DIGITAL PRESSURE SENSOR \(1\)](#)

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	4.5 x 4.5 mm [.17 x .17 in]
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Usage Conditions

Operating Temperature Range	-40 – 85 °C [-4 – 185 °F]
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Operation/Application

Resolution	.02
Output/Span	24 bit ADC
Board Level Pressure Sensor Accuracy	±4mbar

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: JAN 2021 (211) 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 MS5805](#)



Board Mount Pressure Sensors(1)



Sensor Development Boards and Evaluation Kits(1)

Customers Also Bought

TE Part #T4132012041-000
M12,FRONT MOUNT,MALE,A,4P,
SOLDER WIRETE Part #5-1879233-6
SMW5 20R 5%TE Part #1-1879417-8
CPF 0603 910K 0.1% 25PPM 1K RLTE Part #826470-4
2X4P MOD II SHROUDED HEADER,
RT ANG.TE Part #1-84953-6
1MM FPC HORZ.TOP CONT.ASSY 16PTE Part #2-1445050-6
MICRO MNL HDR ASSY S/ROW LFTE Part #1879217-9
CPF 0603 300K 0.1% 25PPM 1K RLTE Part #5-2301994-3
RJ45 JACK INT.MAG. 10/100 1X1 INV.TE Part #2-2176326-5
CRGP 0603 1K0 1%

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_MS580502BA01-50_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_MS580502BA01-50_1.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_MS580502BA01-50_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Data sheet](#)

English