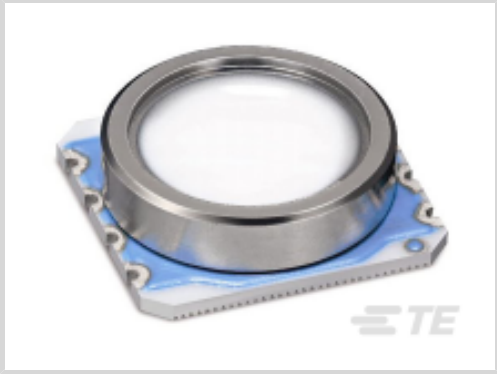




Sensors > Pressure Sensors > Board Mount Pressure Sensors



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

Pressure Type: **Absolute**

Output Signal Type: **24 bit ADC**

Pressure Accuracy: **±2.5mbar**

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	6.2 mm[.244 in]
Product Length	6.4 mm[.251 in]
Product Height	2.8 mm[.11 in]

Usage Conditions

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

Resolution	.012
Output Signal Type	24 bit ADC
Pressure Accuracy	±2.5mbar

Other

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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 2024 (241) 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

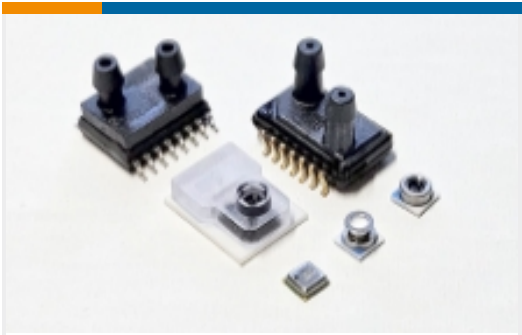


TE Part # MS580305BA01-00
MS5803-05BA 5BAR WHITE GEL TUBE



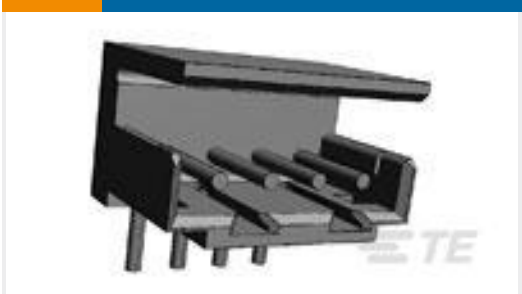
TE Part # MS580330BA01-00
MS5803-30BA01 DIGIT PRESSURE
SENSOR

Also in the Series | MEAS MS5803



Board Mount Pressure Sensors(10)

Customers Also Bought



TE Part #1-292250-2
CT P/HDR BOX H ASSY 12P W/KINK



TE Part #2-292252-4
CT DOUBLE ROW ASSY V 24P HDR N



TE Part #1-440129-2
2.0MM,HSG,12POS



TE Part #2-292173-8
CT BOX HDR H SMT 8P O/TAPE BLA



TE Part #440133-8
2.5MM,HSG,8POS



TE Part #304Z-05495
Speed sen DSE 1210.25 AHZ



TE Part #374Z-03870
Speed sen DSF 1210.00 STV (5m)



TE Part #304Z-05942
Speed sen DSE 1210.00 SHZ (15m)



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

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Datasheets & Catalog Pages

[Data sheet](#)

English