

MS860702BA01-50

✓ ACTIVE

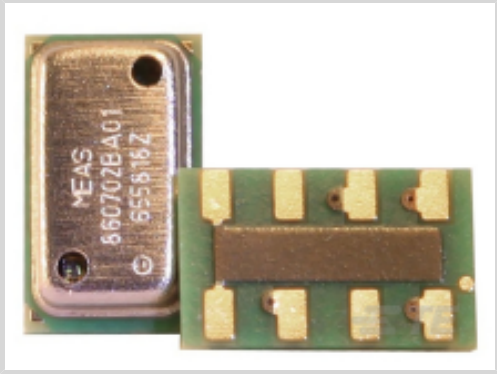
MEAS | MEAS MS8607

TE Internal #: MS860702BA01-50
Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit
ADC, ±4mbar Pressure Accuracy, 1.5 – 3.6 V Supply Voltage Range,
MEAS MS8607

[View on TE.com >](#)



Sensors > Pressure Sensors > Board Mount Pressure Sensors > Pressure, Humidity and Temperature Combination Sensor



Pressure Sensor Type: Digital Pressure and Altimeter Sensor Modules
Pressure Type: Absolute
Output Signal Type: 24 bit ADC
Pressure Accuracy: ±4mbar
Supply Voltage Range: 1.5 – 3.6 V

[All Pressure, Humidity and Temperature Combination Sensor \(1\)](#)

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	1.5 – 3.6 V
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Dimensions

Product Width	3 mm[.118 in]
Product Length	5 mm[.196 in]
Product Height	1.15 mm[.045 in]

Usage Conditions

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

Resolution	.016
Output Signal Type	24 bit ADC
Pressure Accuracy	±4mbar



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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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

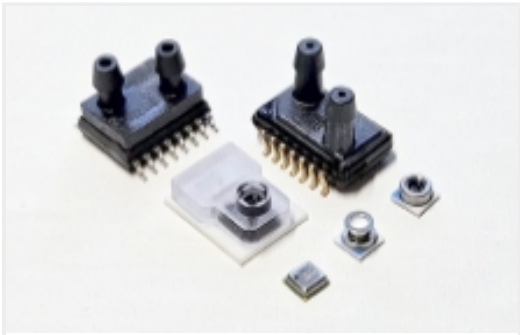


TE Part # MS563730BA03-50
30 BAR INDUSTRIAL ALTIMETER
SENSOR



TE Part # MS563702BA03-50
2 BAR INDUSTRIAL ALTIMETER
SENSOR

Also in the Series | MEAS MS8607

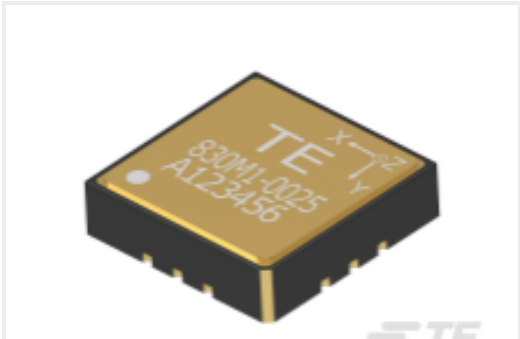


Board Mount Pressure Sensors(1)

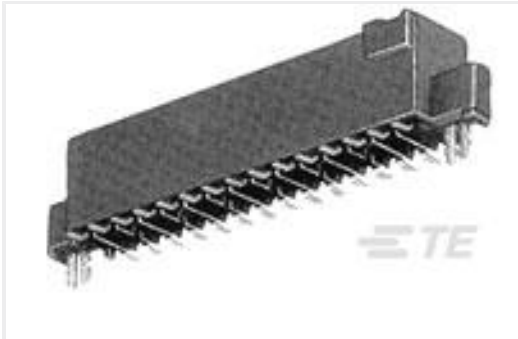


Sensor Development Boards and Evaluation Kits(2)

Customers Also Bought



TE Part #20019427-01
830M1-2000 Triaxial 2Kg Tray 25pcs



TE Part #5-104652-3
30 50/50 GRID DRST SFMNT RCPT



TE Part #5-104693-3
30 50/50 HDR DRST SFMNT.390 SN



TE Part #6-1437175-2
FSP-27A



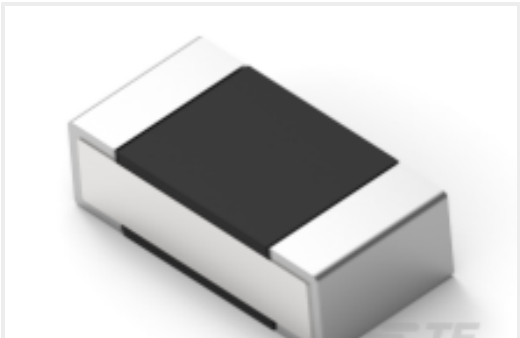
TE Part #5-1879215-8
CPF 0402 17K8 0.1% 25PPM 1K RL



TE Part #1969730-4
EP2.5 SHROUDED HDR ASSY 4P VERTICAL



TE Part #2-2176186-7
CRGH1206 1% 18K 0.5W



TE Part #7-2176307-2
RP 1E 0.1W 68K1 0.1% 25PPM 5K RL



TE Part #3-2213766-7
AV19 SPL 3A POWER LED BLUE 12V



TE Part #1-2834184-1
3P,FULL CABLE ASSY-152.4MM, WHITE,TIN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_MS860702BA01-50_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_MS860702BA01-50_1.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_MS860702BA01-50_1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[MS8607-02BA01 Datasheet](#)

English