

MS860702BA01-50

✓ ACTIVE

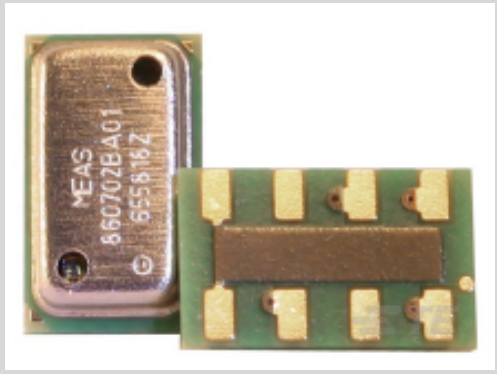
MEAS | MEAS MS8607

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 |
|----------------------|-------------|

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] |
|-----------------------------|---------------------------|

Operation/Application

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



Other

|                |           |
|----------------|-----------|
| Sensor Options | No Option |
|----------------|-----------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                      |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                      |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                           |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

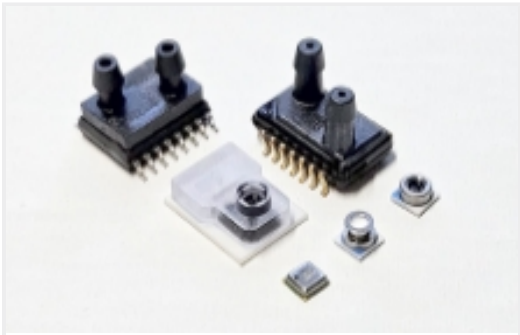


TE Part # MS563702BA03-50  
2 BAR INDUSTRIAL ALTIMETER  
SENSOR



TE Part # MS563730BA03-50  
30 BAR INDUSTRIAL ALTIMETER  
SENSOR

Also in the Series | MEAS MS8607



Board Mount Pressure Sensors(1)

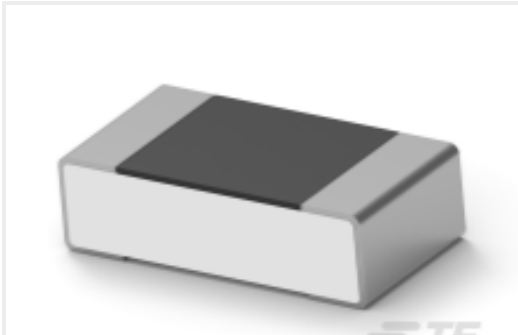


Sensor Development Boards and Evaluation Kits(2)

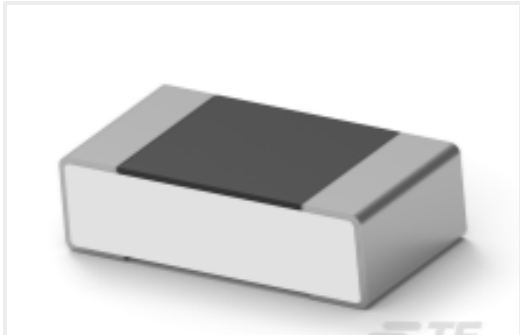
Customers Also Bought



TE Part #1614964-2  
CPF1206 100K 0.1% 25PPM 1K RL



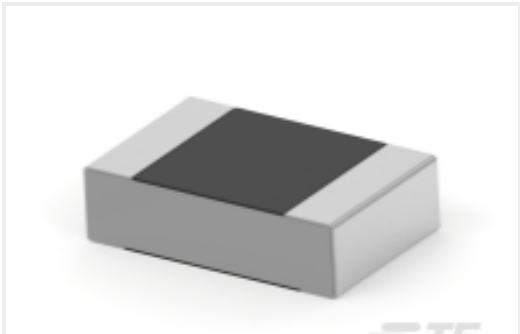
TE Part #4-2176371-9  
RQ 0603 14K7 0.1% 10PPM 5K RL



TE Part #9-2176371-7  
RQ 0603 46K4 0.1% 10PPM 5K RL



TE Part #1-2176092-2  
RP 2A 0.25W 866R 0.1% 25PPM 1K RL



TE Part #6-2176238-1  
CPF A 0805 39K 0.1% 25PPM 5K RL



TE Part #6-2176089-3  
RP 1J 0.166W 49K9 0.1% 25PPM 1K RL



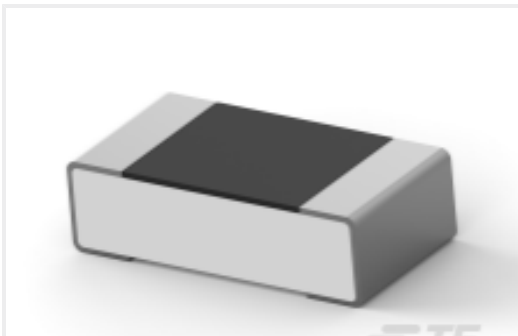
TE Part #9-1676481-9  
CPF 0603 120K 0.1% 25PPM 1K RL



TE Part #1676183-2  
RN 0805 13K 0.1% 10PPM 1KRL



TE Part #1614722-5  
CPF1206 10K 0.1% 25PPM 5K RL



TE Part #4-2176372-1  
RQ 0603 130K 0.1% 10PPM 5K RL

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