

MS563730BA03-50

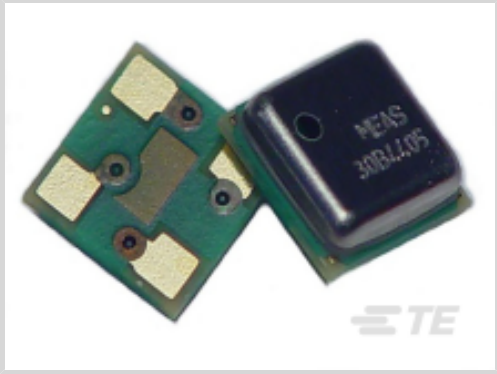
✓ ACTIVE

MEAS | MEAS MS5637

TE Internal #: MS563730BA03-50
Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±1.5mbar Pressure Accuracy, Supply Voltage Range 1.5 – 3.6 V, MEAS MS5637
[View on TE.com >](#)



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: **±1.5mbar**
Supply Voltage Range: **1.5 – 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 | 1.5 – 3.6 V |
|----------------------|-------------|

Dimensions

| | |
|----------------|----------------|
| Product Width | 3 mm[.118 in] |
| Product Length | 3 mm[.118 in] |
| Product Height | .9 mm[.035 in] |

Usage Conditions

| | |
|-----------------------------|--------------------------|
| Operating Temperature Range | -20 – 85 °C[-4 – 185 °F] |
|-----------------------------|--------------------------|

Operation/Application

| | |
|--------------------|------------|
| Resolution | .2 |
| Output Signal Type | 24 bit ADC |
| Pressure Accuracy | ±1.5mbar |

Other

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



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

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 | 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

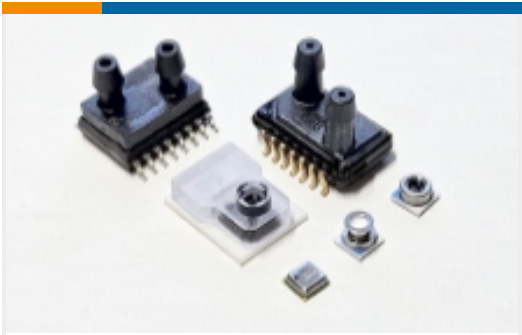


TE Part # MS563702BA03-50
2 BAR INDUSTRIAL ALTIMETER
SENSOR



TE Part # MS860702BA01-50
PTH COMBINATION DIGITAL
SENSOR

Also in the Series | MEAS MS5637



Board Mount Pressure Sensors(2)



Sensor Development Boards and
Evaluation Kits(3)

Customers Also Bought



TE Part #2-2176070-7
3521 120R 1% 2W



TE Part #5748904-1
AMP III PLUG 15P RA 318 THD IN



TE Part #DT06-12SA-P012
PLG, 12P, GRY, N, SEAL RET, ENH
KEY, A



TE Part #1-967402-1
Circular DIN Housings



TE Part #3-1827253-6
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



TE Part #5787745-1
USB A R/A STAK ASSY THRU HOLE



TE Part #1393236-2
V23092-A1005-A301



TE Part #1-1571983-1
GDH08STR04=DIP SWITCH



TE Part #2-2176326-7
CRGP 0603 1K5 1%

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_MS563730BA03-50_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_MS563730BA03-50_1.3d_igs.zip

MS563730BA03-50

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±1.5mbar
Pressure Accuracy, Supply Voltage Range 1.5 – 3.6 V, MEAS MS5637



English

Customer View Model

[ENG_CVM_CVM_MS563730BA03-50_1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MS5637-30BA](#)

English