



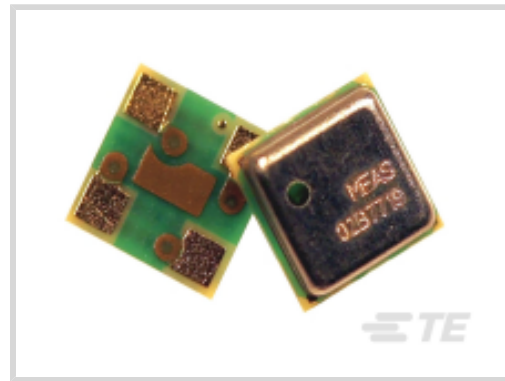
MEAS | MEAS MS5637

TE Internal #: MS563702BA03-50

Digital Pressure and Altimeter Sensor Modules, Absolute, Output /Span 24 bit ADC, ±4mbar, Supply Voltage 1.5 – 3.6 V, MEAS MS5637

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Mount Pressure Sensors > INDUSTRIAL ALTIMETER 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: **1.5 – 3.6 V**

[All INDUSTRIAL ALTIMETER 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	1.5 – 3.6 V
--	-------------

Dimensions

Dimensions	3 x 3 x 0.9 mm [.11 x .11 x 0.03 in]
------------	--------------------------------------

Usage Conditions

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

Operation/Application

Resolution	.016
Output/Span	24 bit ADC
Board Level Pressure Sensor Accuracy	±4mbar

Packaging Features

Board Level Pressure Sensor Package	Surface Mountable
-------------------------------------	-------------------

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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Melamine (.11% in Component Part)

2-methyl-1-(4-methylthiophenyl)-2-

morpholinopropan-1-one (.11% in

Component Part)

Article Safe Usage Statements:

Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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

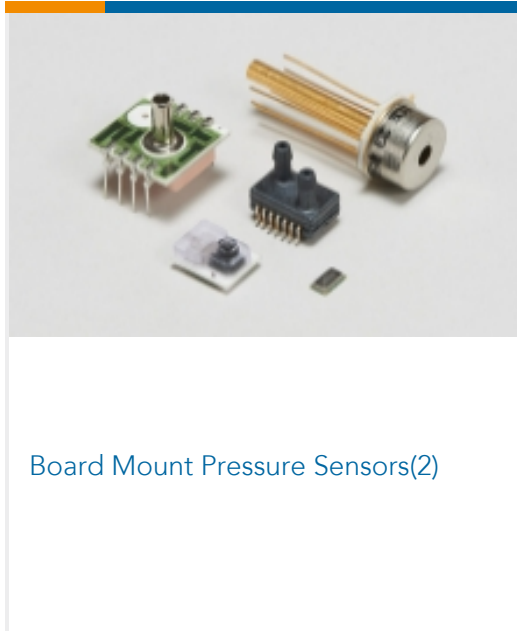


TE Part # MS860702BA01-50
PTH COMBINATION DIGITAL
SENSOR

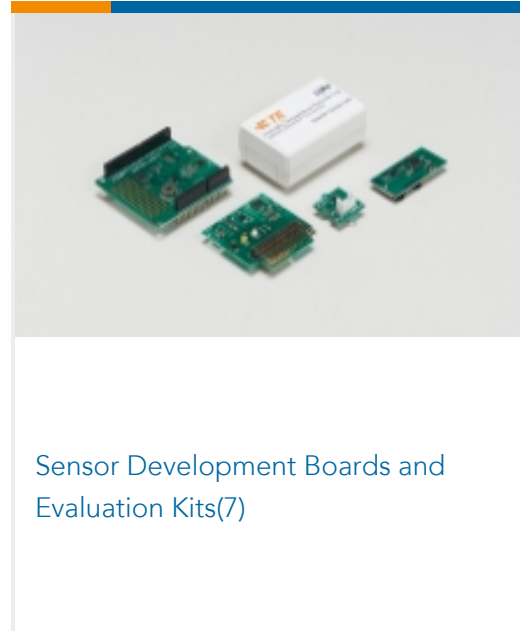


TE Part # MS563730BA03-50
30 BAR INDUSTRIAL ALTIMETER
SENSOR

Also in the Series | **MEAS MS5637**



Board Mount Pressure Sensors(2)



Sensor Development Boards and
Evaluation Kits(7)

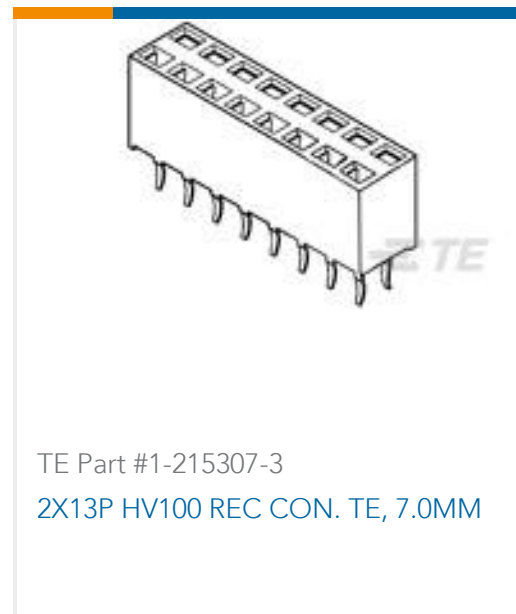
Customers Also Bought



TE Part #106505-2
9P.HDP20 REC.ASSY.



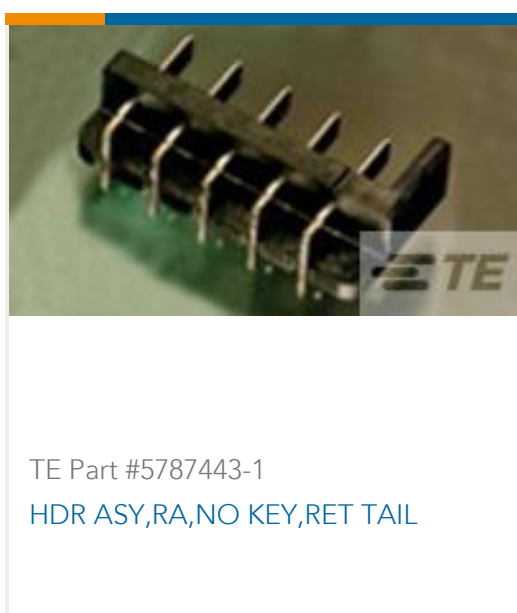
TE Part #5787421-1
HDR ASY,VERT,RET TAIL,10.8V



TE Part #1-215307-3
2X13P HV100 REC CON. TE, 7.0MM



TE Part #6-1624112-8
3650 0603 5.6nH 5% 2K RL



TE Part #5787443-1
HDR ASY,RA,NO KEY,RET TAIL



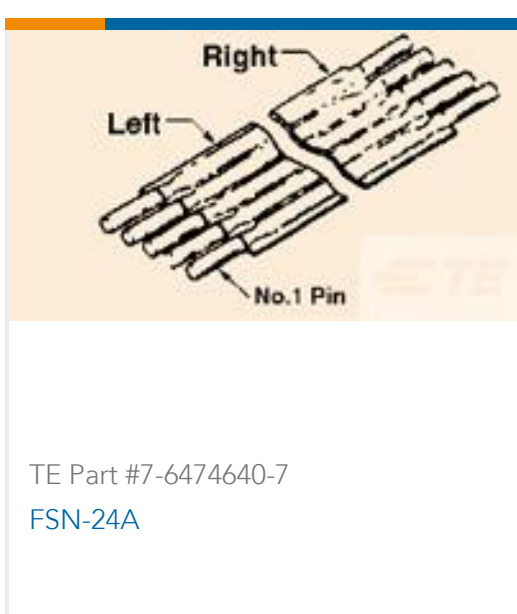
TE Part #7-2176088-7
RP 1J 0.166W 5K62 0.1% 25PPM 1K RL



TE Part #2081005-1
ASSY. SMA JACK PCB EDGE MOUNT



TE Part #6-6437158-0
FSN-21.5A



TE Part #7-6474640-7
FSN-24A



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_MS563702BA03-50_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_MS563702BA03-50_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_MS563702BA03-50_1.3d_stp.zip](#)

English

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