SM9336-BCE-S-250-000 ✔ ACTIVE

MEAS | SMI 9000

TE Internal #: 9336-BCE-S-250-000

Digital Pressure and Altimeter Sensor Modules, Differential, 16 bit I2C, ±1.5% F.S Pressure Accuracy, 3 V Supply Voltage Range, SMI 9000

View on TE.com >

Sensors > Pressure Sensors > Board Mount Pressure Sensors > Ultra-low Pressure Digital Sensor



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

Pressure Type: **Differential**

Proof Pressure Range: **.07 bar**

Output Signal Type: **16 bit I2C**

Pressure Accuracy: **±1.5% F.S**

All Ultra-low Pressure Digital Sensor (25)

Features

Product Type Features

Sensor Package	SOIC-16
Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Pressure Type	Differential

Electrical Characteristics

Supply Voltage Range	3 V

Dimensions

Product Width	10.31 mm[.405 in]
Product Length	10.26 mm[.403 in]
Product Height	9.32 mm[.366 in]

Usage Conditions

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

Operation/Application

Output Interface	I²C
Proof Pressure Range	.07 bar
Output Signal Type	16 bit I2C

Pressure Accuracy	±1.5% F.S

Packaging Features

Sensor Port Configuration	Dual Vertical

Other

Sensor Options	Barb Tube, 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	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: JUNE 2025 (250) 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

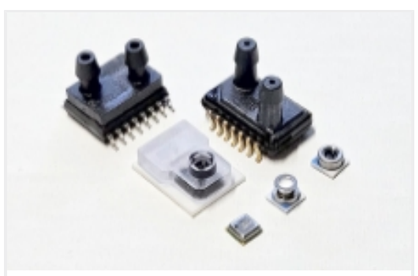
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



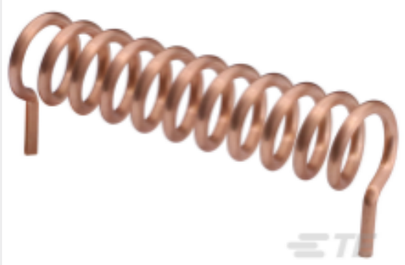
TE Part # 9336-BCE-T-250-000
250PA DIFF. DIGITAL PRESSURE SENSOR

Also in the Series | SMI 9000

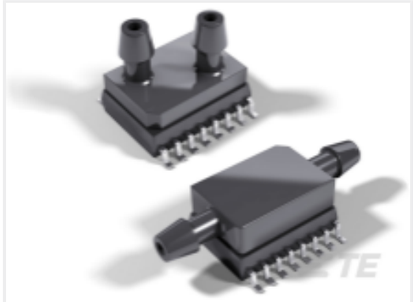


Board Mount Pressure Sensors(25)

Customers Also Bought



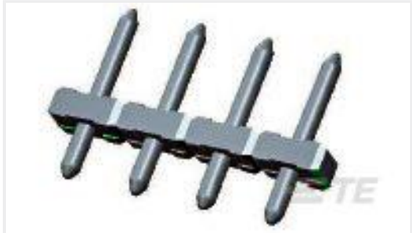
TE Part #ANT-433-HETH
Antenna 1/4 Wave Coil 433MHz THM



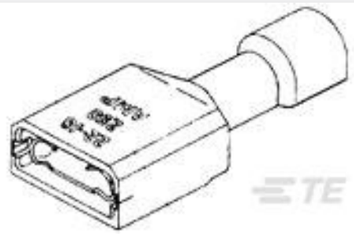
TE Part #5391-BCE-S-001-000
1 PSI Differential Sensor



TE Part #88117-7
FFC,PIN CONTACT,.025" SQ



TE Part #282832-6
TERMI-BLOK PIN HEAD 180 6P. 5



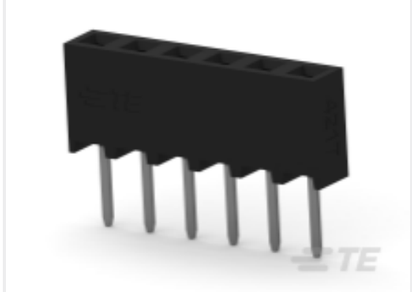
TE Part #2-520405-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



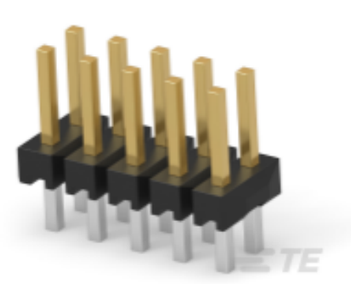
TE Part #9-1879026-0
YR1 0.1% 49R9



TE Part #1879455-2
TE 1500W 1R2 5% Bracket



TE Part #2314870-6
6P,2MM,BB,REC,SRVT,2.0,0.76AU,TB, W/CP



TE Part #1-2823124-2
12P,2MM,BRK HDR,DRVT,2.8,0.76AU, TB



TE Part #1878661-1
QCC306GR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9336-BCE-S-250-000_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9336-BCE-S-250-000_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9336-BCE-S-250-000_1.3d_stp.zip

English

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Datasheets & Catalog Pages

SM9000

English