5525DSO-SB005GS ✔ ACTIVE

MEAS | **MEAS MS5525DSO**

TE Internal #: 5525DSO-SB005GS

Digital Pressure and Altimeter Sensor Modules, Gauge, 5 psi,
Output/Span 24 bit ADC, ±0.5 %FSS, Supply Voltage 1.8 – 3.6 V,
MEAS MS5525DSO

View on TE.com >

Sensors > Pressure Sensors > Board Mount Pressure Sensors > DIGITAL SMALL OUTLINE PRESSURE SENSOR

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

Board Level Pressure Sensor Style: **Gauge**

Proof Pressure Range: **60 psi**

Pressure: **[5 psi]**

Output/Span: **24 bit ADC**

All DIGITAL SMALL OUTLINE PRESSURE SENSOR (10)

Features

Product Type Features

Board Level Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Board Level Pressure Sensor Style	Gauge

Configuration Features

Leads/Pins	Gull Wing

Electrical Characteristics

Board Level Pressure Sensor Supply Voltage	1.8 – 3.6 V

Dimensions

Dimensions	12.5 x 7.9 mm[.49 x .31 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Output Interface	I²C and SPI (Mode 0, 3)
Proof Pressure Range	60 psi
	5 psi
Output/Span	24 bit ADC

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Board Level Pressure Sensor Accuracy	±0.5 %FSS

Packaging Features

Package Style	Single Barb
Board Level Pressure Sensor Package	SOIC-14

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: JUL 2021 (219) 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 # 5525DSO-DB001DS
1PSID DIGITAL PRESSURE SENSOR

Also in the Series | MEAS MS5525DSO

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ADC, ±0.5 %FSS, Supply Voltage 1.8 – 3.6 V, MEAS MS5525DSO

Board Mount Pressure Sensors(10)

Customers Also Bought

TE Part #8-215083-2
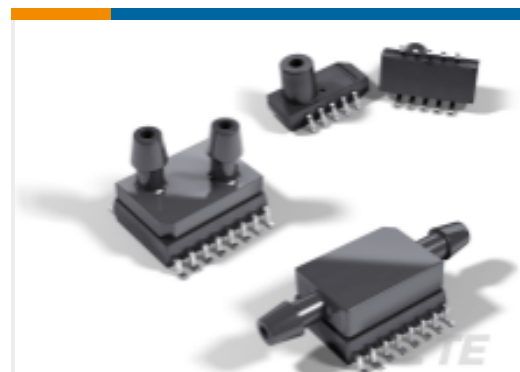MICRO-MATCH MOW.12P

TE Part #1-338095-6
MICRO-MATCH COSI HSG

TE Part #3-1393483-8
V42254A1115B209=SUB D FEDERLEI

TE Part #5212044-1
5 CIRC DIN RCPT GRND SHLD

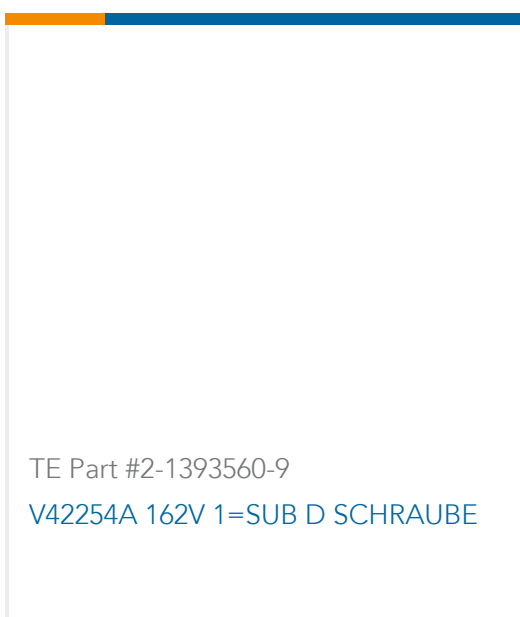TE Part #1-2176337-7
CRGCQ 0402 220R 1%
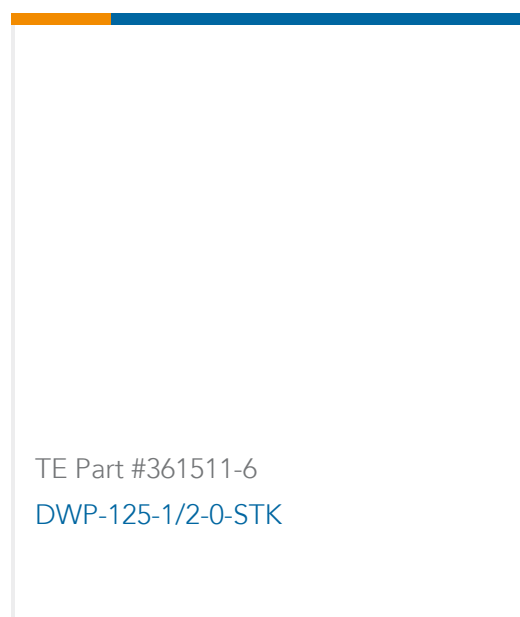
TE Part #4291-BCE-S-005-000
5 PSI Gauge Sensor

TE Part #1-1393560-8
V42254A 122V 1=SUB D BOLZENSA

TE Part #735159
250 PIDG FF

TE Part #2-1393560-9
V42254A 162V 1=SUB D SCHRAUBE

TE Part #361511-6
DWP-125-1/2-0-STK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5525DSO-SB005GS_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5525DSO-SB005GS_B.3d_igs.zip

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English

Customer View Model

ENG_CVM_CVM_5525DSO-SB005GS_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

MS5525DSO

English

Product Specifications

MS5525DSO Series Surface Models

English