



MEAS | MEAS MS4525

TE Internal #: 4525-SS5A030GP

Analog Pressure Sensor Modules, Gauge, 30 psi [2.068 bar], Output

/Span 10 - 90% Vdc, ±0.25% Span, Supply Voltage 5 V, MEAS

MS4525

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Mount Pressure Sensors > PCB MOUNTED ANALOG PRESSURE SENSOR



Board Level Pressure Sensor Type: **Analog Pressure Sensor Modules**

Board Level Pressure Sensor Style: **Gauge**

Proof Pressure Range: **300 psi**

Pressure: **2.068 bar [30 psi]**

Output/Span: **10 - 90% Vdc**

Features

Product Type Features

| | |
|-----------------------------------|--------------------------------|
| Board Level Pressure Sensor Type | Analog Pressure Sensor Modules |
| Board Level Pressure Sensor Style | Gauge |

Configuration Features

| | |
|------------|--------------|
| Leads/Pins | Through Hole |
|------------|--------------|

Electrical Characteristics

| | |
|--|-----|
| Board Level Pressure Sensor Supply Voltage | 5 V |
|--|-----|

Dimensions

| | |
|------------|------------------------------|
| Dimensions | 12.5 x 9.9 mm [.49 x .39 in] |
|------------|------------------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Pressure | 2.068 bar [30 psi] |
| Operating Temperature Range | -25 – 105 °C [-13 – 221 °F] |

Operation/Application

| | |
|--------------------------------------|--------------|
| Proof Pressure Range | 300 psi |
| Output/Span | 10 - 90% Vdc |
| Board Level Pressure Sensor Accuracy | ±0.25% Span |

Packaging Features

| | |
|---------------|-----------------|
| Package Style | Single Sideport |
|---------------|-----------------|



| | |
|-------------------------------------|-----------|
| Board Level Pressure Sensor Package | 8 pin DIL |
| 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) 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

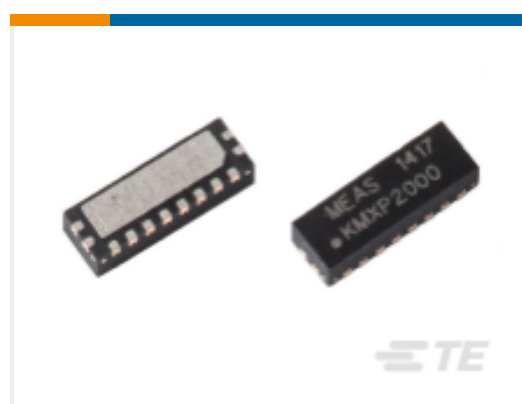
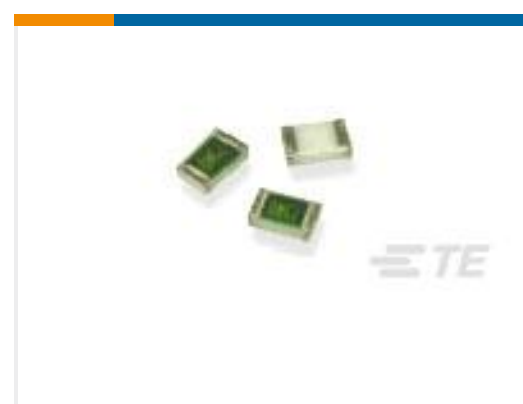
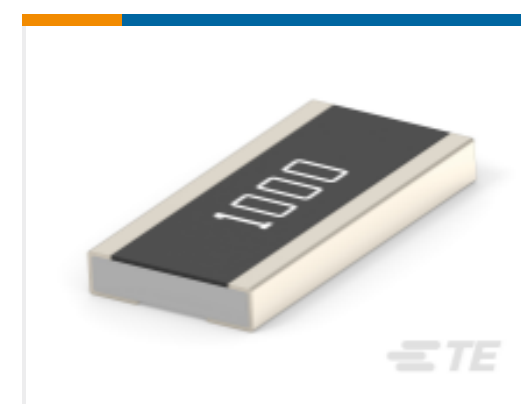


Also in the Series | MEAS MS4525



Board Mount Pressure Sensors(40)

Customers Also Bought

TE Part #T4043014041-000
M8.FMLE.PNLFRONT.4POS.STRPCBTE Part #T4111001041-000
RPC-M12-MS-4CON-PG7-MUTE Part #2562-201-2031L
CONT SOC ASSYTE Part #7-2176416-8
9W STD M/OX 5% 82KTE Part #G-MRCO-050
2MM PITCH AMR POSITION SENSOR
KMXPTE Part #2-1879133-1
RN 0603 1K4 0.1% 10PPM 1K RLTE Part #2383938-2
TERMI-BLOK SMD MOUNT 180_2P_5
MMTE Part #1-2176562-4
3430 H2 1% 3R3 150ppm 1k RL

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_4525-SS5A030GP_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4525-SS5A030GP_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4525-SS5A030GP_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Data sheet

English

4525-SS5A030GP

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Vdc, $\pm 0.25\%$ Span, Supply Voltage 5 V, MEAS MS4525

