



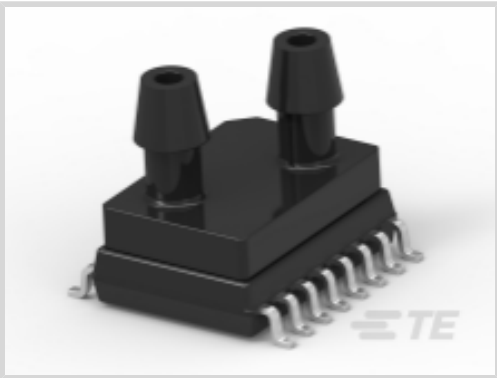
TPS

TE Internal #: 20030258-00

Digital Pressure Sensor, Gauge, 714 mmH2O [28.13 inH2O], 10 - 90% Vdc, ±1% F.S Pressure Accuracy, 3.3 – 5 V Supply Voltage Range, TPS

[View on TE.com >](#)

Sensors > Pressure Sensors > Board Mount Pressure Sensors > TPS Low Pressure Digital/Analog Sensor



Pressure Sensor Type: **Digital Pressure Sensor**

Pressure Type: **Gauge**

Pressure: **714 mmH2O [28.13 inH2O]**

Proof Pressure Range: **4.5 psi**

Output Signal Type: **10 - 90% Vdc**

[All TPS Low Pressure Digital/Analog Sensor \(9\)](#)

Features

Product Type Features

Sensor Package	SOIC-16
Pressure Sensor Type	Digital Pressure Sensor
Pressure Type	Gauge

Electrical Characteristics

Supply Voltage Range	3.3 – 5 V
----------------------	-----------

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Output Interface	I2C
Pressure	714 mmH2O[28.13 inH2O]
Proof Pressure Range	4.5 psi
Output Signal Type	10 - 90% Vdc
Pressure Accuracy	±1% F.S

Other

Sensor Options	Tape and Reel
----------------	---------------



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	Out of Scope
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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

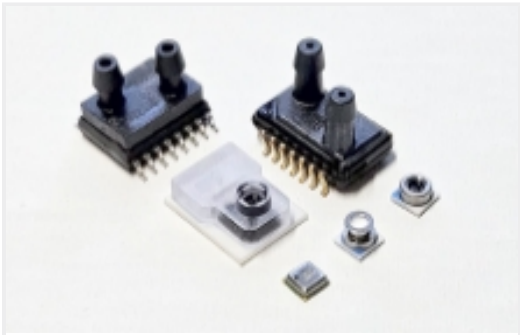
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | TPS



Board Mount Pressure Sensors(9)

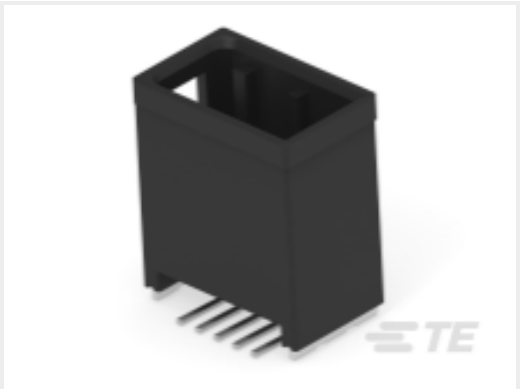
Customers Also Bought



TE Part #CAT-BLPS0094
TPS Low Pressure Digital/Analog
Sensor



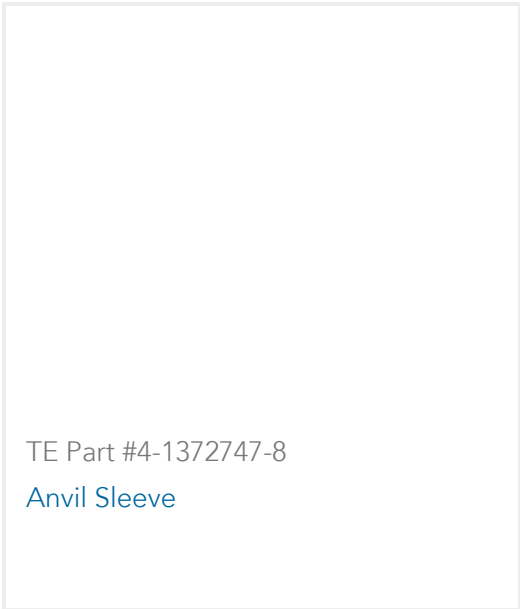
TE Part #2317523-1
2X4POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



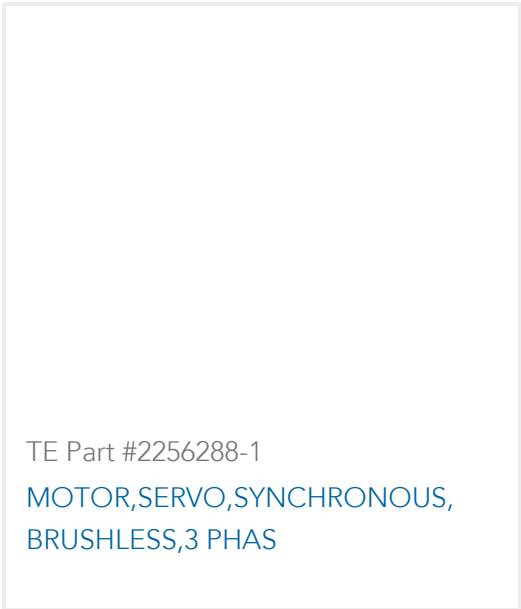
TE Part #2317525-1
2X5POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



TE Part #2317527-1
2X6POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



TE Part #4-1372747-8
Anvil Sleeve



TE Part #2256288-1
MOTOR,SERVO,SYNCHRONOUS,
BRUSHLESS,3 PHAS

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_20030258-00_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20030258-00_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20030258-00_1.3d_stp.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

TPS Low Pressure Digital/Analog Sensor

English

