



Sensors > Vibration Sensors



Accelerometer Type: **MEMS DC**

Vibration Sensor Product Type: **MEMS Accelerometer**

Number of Sensing Axes: **Triaxial**

Frequency Response: **0-1400 to 0-4500 Hz**

Full Scale Output Voltage: **±2 VDC**

Features

Product Type Features

Sensor Package	Plug & Play
Accelerometer Type	MEMS DC
Vibration Sensor Product Type	MEMS Accelerometer

Configuration Features

Electrical Connection	Integral Cable
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Electrical Characteristics

Excitation Voltage Range	4 – 30 VDC
Zero Acceleration Output	±50 mV
Full Scale Output Voltage	±2 VDC

Signal Characteristics

Frequency Response	0-1400 to 0-4500 Hz
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Body Features

Product Weight	30 g[1.06 oz]
Primary Product Material	Anodized Aluminum
Number of Sensing Axes	Triaxial

Mechanical Attachment

Sensor Mount Type	Screw Mount
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Usage Conditions



Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Output Current Type	DC
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Industry Standards

IP Rating	IP65
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Other

Non-Linearity (FSO)	±.1 %
Acceleration Range (±)	10 g
Sensitivity	200 mV/g

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.1% in COMPONENT PART) Decamethylcyclopentasiloxane (D5) (.1% in COMPONENT PART) Dodecamethylcyclohexasiloxane (D6) (.1% in COMPONENT PART) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 20004562-00
4630-100-060-D

Also in the Series | MEAS 4630

MEMS Accelerometers(21)

Vibration Sensors(21)

Customers Also Bought

TE Part #M3041-000005-2K5PG
PRESS XDCR M3041-000005-2K5PG

TE Part #680104-000
D-609-03

TE Part #820892-SF
IL13+ Rewireable IEC Lock+ R/L LSZH

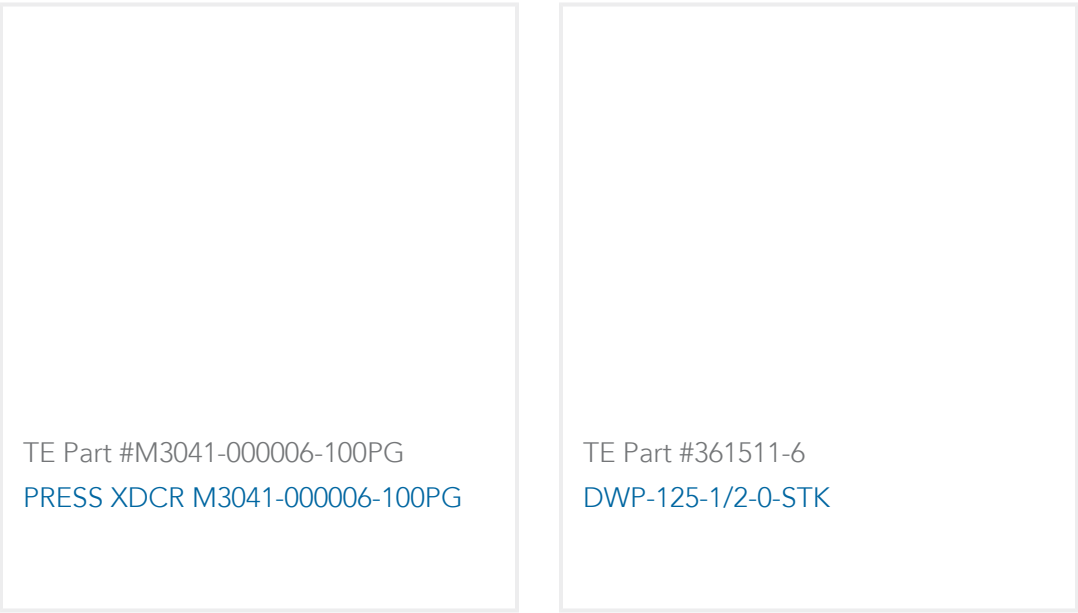
TE Part #91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY

TE Part #1058117-1
3284 2240 00

TE Part #2-1625870-4
RP 1J 0.1W 10K 0.1% 25PPM 1K RL

TE Part #4-1825136-8
A101SYZB04

TE Part #7-1879026-3
YR1 0.1% 402K



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_20007023-00_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_20007023-00_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_20007023-00_E.3d_stp.zip

English

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

Datasheets & Catalog Pages

4630_Accelerometer

English