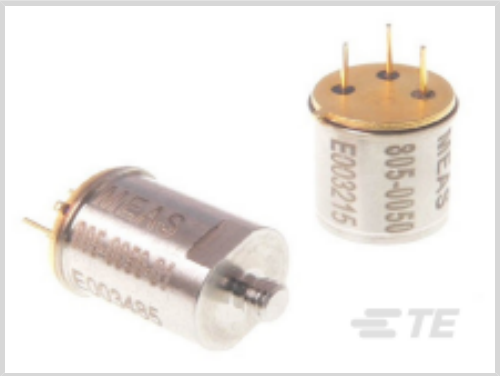




Sensors > Vibration Sensors



Accelerometer Type: **IEPE**  
Vibration Sensor Product Type: **AC Response Embedded Accelerometers**  
Number of Sensing Axes: **Uniaxial**  
Frequency Response: **1 to 8000 Hz**  
Full Scale Output Voltage: **±5 VDC**

Features

Product Type Features

Accelerometer Type	IEPE
Vibration Sensor Product Type	AC Response Embedded Accelerometers

Electrical Characteristics

Excitation Current	2 – 10 mA
Full Scale Output Voltage	±5 VDC

Signal Characteristics

Frequency Response	1 to 8000 Hz
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Body Features

Product Weight	5 g[.17 oz]
Primary Product Material	Stainless Steel
Number of Sensing Axes	Uniaxial

Mechanical Attachment

Mounting Type	Screw Mount
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Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
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Other

Nonlinearity	±1 %FSO
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Acceleration Range (±)	500 g
Sensitivity	10 mV/g

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	Not Yet Reviewed
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: JUN 2020 (209) 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 805



Customers Also Bought



TE Part #292303-5  
Std USB Type A, R/A, T/H, Natural



TE Part #5787428-1  
HDR ASY,RA,LKEY,STR TAIL,12.0V



TE Part #4-2176089-1  
RP 1J 0.166W 29K4 0.1% 25PPM 1K RL



TE Part #7-1879135-9  
RN 0603 7R68 0.1% 10PPM 5K RL



TE Part #3038-2000  
3038-2000 SMT Accelerometer



TE Part #NB08866001  
ATUM-12/3-0-1IN



TE Part #8014646040  
ATUM-16/4-0-50MM



TE Part #10202304-00  
PRESS XDCR M5251-000005-01KPG



TE Part #10220579-00  
PRESS XDCR M5253-100005-10KPS

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_805-0500-01\_H.2d\_dxf.zip
- English
- Customer View Model
- ENG\_CVM\_CVM\_805-0500-01\_H.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_805-0500-01\\_H.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[805\\_Accelerometer](#)

English