805-0500 × OBSOLETE

MEAS | MEAS 805 TE Internal #: 805-0500 TE Internal Description: 805-0500 TO-5 Accelerometer View on TE.com >



Sensors > Vibration Sensors



Accelerometer Type: IEPE

Vibration Sensor Product Type: Piezoelectric Accelerometer

Number of Sensing Axes: Uniaxial

Frequency Response: 1 to 8000 Hz

Full Scale Output Voltage: ±5 VDC

Features

Product Type Features

Sensor Package

Accelerometer Type

Vibration Sensor Product Type

Embedded

IEPE

Piezoelectric Accelerometer

Electrical Characteristics

| Excitation Current | 2 - 10 mA |
|-----------------------------|----------------------------|
| Full Scale Output Voltage | ±5 VDC |
| Signal Characteristics | |
| Frequency Response | 1 to 8000 Hz |
| Body Features | |
| Primary Product Material | Stainless Steel |
| Product Weight | 5 g[.17 oz] |
| Number of Sensing Axes | Uniaxial |
| Mechanical Attachment | |
| Sensor Mount Type | Adhesive |
| Usage Conditions | |
| Operating Temperature Range | -40 - 100 °C[-40 - 212 °F] |
| Operation/Application | |
| Output Current Type | AC |



Other

| Non-Linearity (FSO) | ±1 % |
|------------------------|---------|
| Acceleration Range (±) | 500 g |
| Sensitivity | 10 mV/g |

Product Compliance

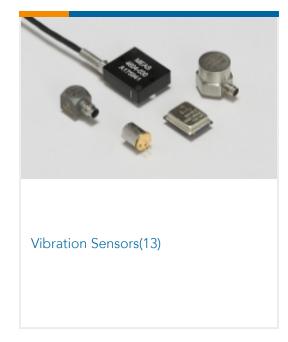
For compliance documentation, visit the product page on TE.com>

| EU RoHS Directive 2011/65/EU | Compliant |
|---|---|
| EU ELV Directive 2000/53/EC | Out of Scope |
| 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: JAN 2024 (240) 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

Also in the Series | MEAS 805



Customers Also Bought

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805-0500 TO-5 Accelerometer





Documents

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_805-0500_H.2d_dxf.zip

English

5

Customer View Model

ENG_CVM_CVM_805-0500_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_805-0500_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