MEAS | MEAS 805

TE Internal #: 805-0500

TE Internal Description: 805-0500 TO-5 Accelerometer

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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	Embedded
Accelerometer Type	IEPE
Vibration Sensor Product Type	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]
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Operation/Application

Output Current Type	AC
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Other

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

Product Compliance

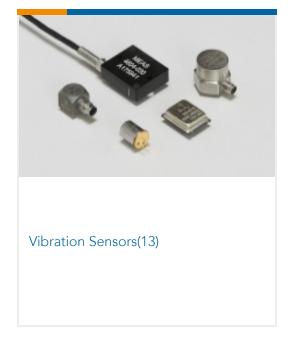
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) 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

















Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_805-0500_H.2d_dxf.zip

English

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