

MEAS | MEAS 805 TE Internal #: 805-0050-01 Piezoelectric Accelerometer, Uniaxial Sensing, Screw Mount, MEAS 805

### 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	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	Screw Mount
Usage Conditions	
Operating Temperature Range	-40 - 100 °C[-40 - 212 °F]
Operation/Application	

**C** For support call+1 800 522 6752

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Output Current Type	AC
Other	
Non-Linearity (FSO)	±1 %
Acceleration Range (±)	50 g
Sensitivity	100 mV/g

## **Product Compliance**

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

EU RoHS Directive 2011/65/EU Not Con	1.
	npliant
EU ELV Directive 2000/53/EC Not Yet	Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016 Restricte	ed Materials Above Threshold
(241) Candida 2023 (23) SVHC > Pb (37% 2-methyl morphol Compor Article Safe Usag	Threshold: in Component part) I-1-(4-methylthiophenyl)-2- linopropan-1-one (.15% in nent part)

Halogen Content

governmental regulations relevant to your geographic location.

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**

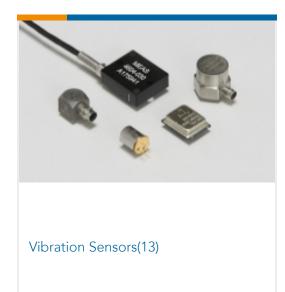
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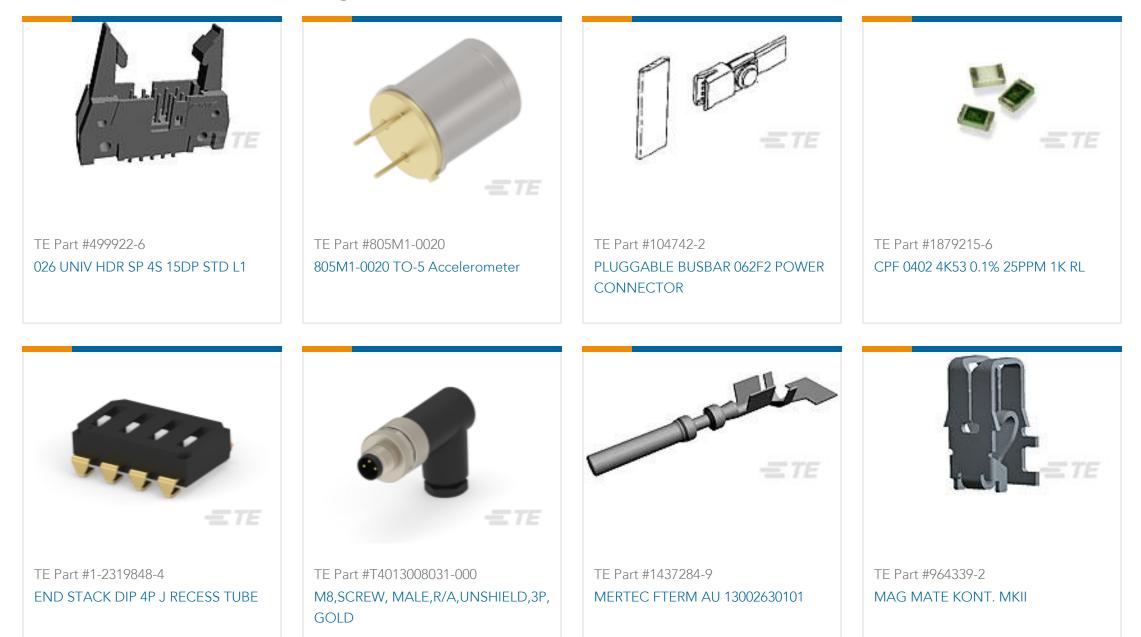




# Also in the Series | MEAS 805



# Customers Also Bought





## 805-0050-01

Piezoelectric Accelerometer, Uniaxial Sensing, Screw Mount, MEAS 805



## Documents

CAD Files 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_805-0050-01\_H.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_805-0050-01\_H.3d\_igs.zip

English

Customer View Model ENG\_CVM\_CVM\_805-0050-01\_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