7204A-0050 ✔ ACTIVE

MEAS | MEAS 7204A

TE Internal #: 7204A-0050

Piezoelectric Accelerometer, Uniaxial Sensing, Screw Mount, MEAS 7204A

View on TE.com >

Sensors > Vibration Sensors > Through Hole Accelerometer w Connector



Accelerometer Type: **IEPE**

Vibration Sensor Product Type: **Piezoelectric Accelerometer**

Number of Sensing Axes: **Uniaxial**

Frequency Response: **1 to 6000 Hz**

Full Scale Output Voltage: **±5 VDC**

All Through Hole Accelerometer w Connector (1)

Features

Product Type Features

Sensor Package	Plug & Play
Accelerometer Type	IEPE
Vibration Sensor Product Type	Piezoelectric Accelerometer

Configuration Features

Electrical Connection	3-Pin Connector

Electrical Characteristics

Excitation Voltage Range	18 – 30 VDC
Excitation Current	2 – 20 mA
Full Scale Output Voltage	±5 VDC

Signal Characteristics

Frequency Response	1 to 6000 Hz

Body Features

Product Weight	23 g[.805 oz]
Primary Product Material	Stainless Steel
Number of Sensing Axes	Uniaxial

Mechanical Attachment

Sensor Mount Type	Screw Mount

Usage Conditions

Operating Temperature Range	-55 – 130 °C[-67 – 266 °F]

Operation/Application

Output Current Type	AC

Other

Non-Linearity (FSO)	±1 %
Acceleration Range (±)	50 g
Sensitivity	100 mV/g

Product Compliance

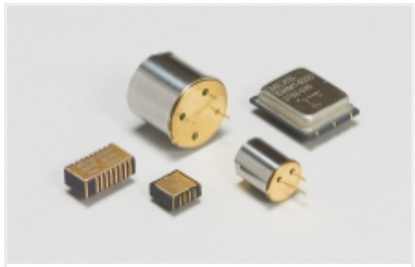
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	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 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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 7204A



Piezoelectric Accelerometers(1)



Vibration Sensors(1)

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



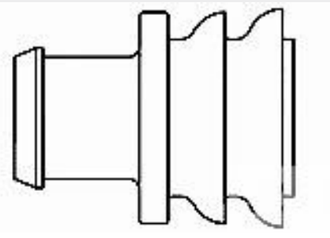
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_7204A-0050_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_7204A-0050_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_7204A-0050_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

7204A_Accelerometer

English