805-0050 ✔ ACTIVE

MEAS | MEAS 805

TE Internal #: 805-0050

Piezoelectric Accelerometer, Uniaxial Sensing, Adhesive, 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

	.17 oz
Primary Product Material	Stainless Steel
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 (±)	50 g
Sensitivity	100 mV/g

Product Compliance

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

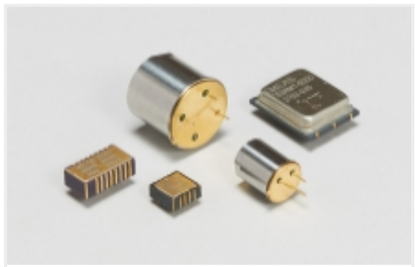
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Compatible Parts

TE Part # 805M1-0050
805M1-0050 TO-5 Accelerometer

TE Part # 805-0050-01
805-0050-01 TO-5 Accelerometer

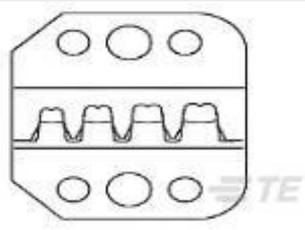
Also in the Series | MEAS 805



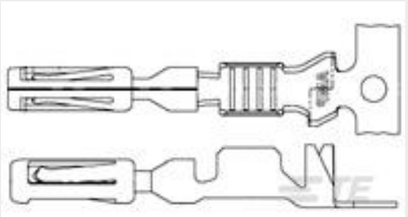
Piezoelectric Accelerometers(13)

Vibration Sensors(13)

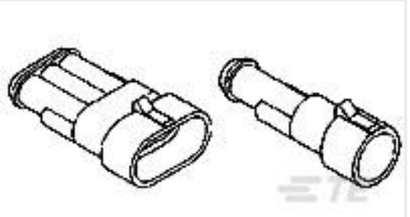
Customers Also Bought



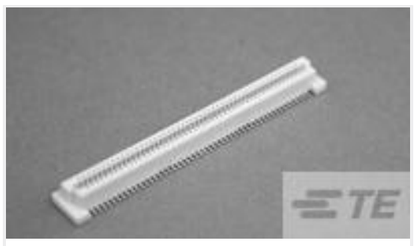
TE Part #58529-2
PROCRIMP DIE AMPSEAL



TE Part #770520-1
AMPSEAL,TERMINAL,TIN PLATE,16-20AWG WIRE



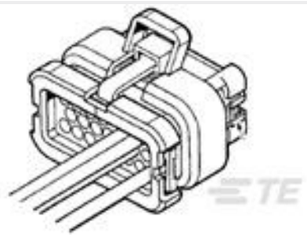
TE Part #282106-1
AMP SUPERSEAL 1.5 SERIES 4P CA



TE Part #1-5177983-2
0.8FH,R05H.5,060,15/Sn,TU

TE Part #5-747908-2
15 Plug Solder Cup, Gold Flash

TE Part #8-215083-2
MICRO-MATCH MOW.12P



TE Part #770680-1
23POS,AMPSEAL,SOC HSG ASSY,SLD,COD 1

TE Part #1-1618002-8
EV200HAANA=RELAY, SPST-NO WITH

TE Part #CAT-AM71-T273
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_805-0050_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_805-0050_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_805-0050_H.3d_stp.zip

English

Datasheets & Catalog Pages

805_Accelerometer

English