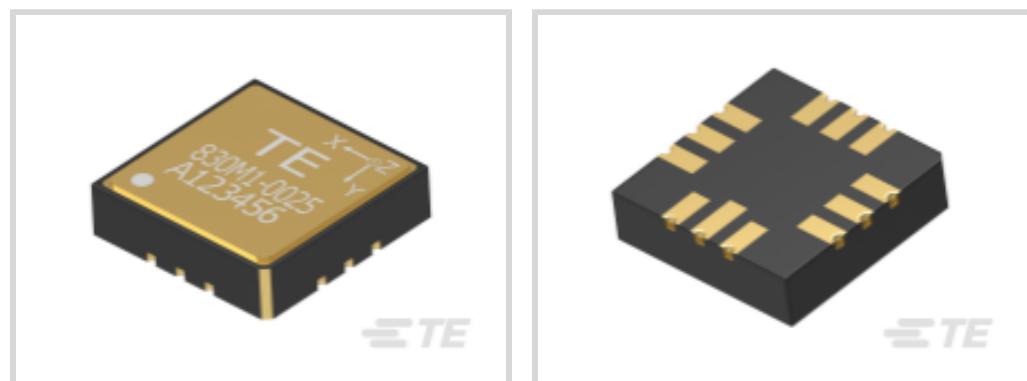




Sensors > Vibration Sensors > Embedded Accelerometers > Model 830M1 Triaxial SMT Accelerometers



Acceleration Range (\pm): 25 g

Frequency Response: 2 to 15000 Hz

Overall Acceleration Range (\pm): 25 g

Accelerometer Type: 3-Wire Voltage

Number of Axes: 3

Features

Product Type Features

Accelerometer Type	3-Wire Voltage
Embedded Accelerometer Sensor Type	AC Response Embedded Accelerometers

Electrical Characteristics

Excitation Voltage	2.8 – 5.5 VDC
Full Scale Output Voltage	± 1.25 VDC

Signal Characteristics

Frequency Response	2 to 15000 Hz
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Body Features

Material	Ceramic
Weight	1 g [.12 oz]
Number of Axes	3

Mechanical Attachment

Embedded Accelerometer Mounting Type	Solder
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Usage Conditions

Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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Other

Nonlinearity	± 2 %FSO
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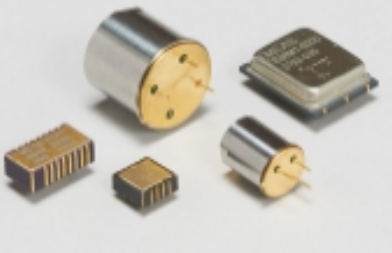
Acceleration Range (±)	25 g
Overall Acceleration Range (±)	25 g
Sensitivity	50 mV/g
Sensitivity Range	50 mV/g

Compatible Parts



TE Part # CAT-EAC0023
Model 830M1 Triaxial SMT Accelerometers

Also in the Series | MEAS 830



Embedded Accelerometers(14)

Customers Also Bought



TE Part #2-1445053-6
MICRO MNL HDR ASSY S/ROW LF



TE Part #4-1879215-1
CPF 0402 11K3 0.1% 25PPM 1K RL



TE Part #7-1879208-5
CPF 0402 12K 0.1% 25PPM 1K RL



TE Part #2-1761679-1
IDC LOW PRO HDR 6P VERT BLUE




TE Part #1676703-2
RN 0805 49R9 0.1% 10PPM 1K RL



TE Part #1410714-3
MULTIGIG RT DC 7.2 GUIDE SOCKET



TE Part #2176325-5
CRGP 0402 22R 1%



TE Part #D98213-000
T1K-165051-25-9



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_20011422-00_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20011422-00_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20011422-00_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[830M1_Triaxial_Accelerometer](#)

English