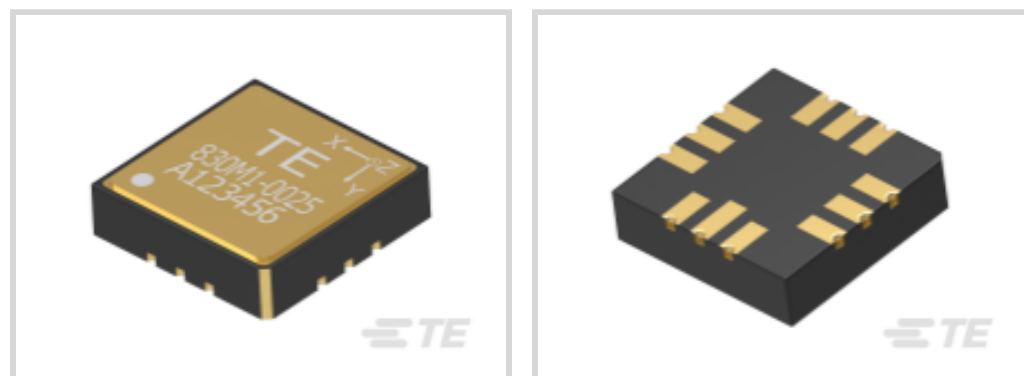




Sensors > Vibration Sensors > Embedded Accelerometers > Model 830M1 Triaxial SMT Accelerometers



Acceleration Range (±): 100 g

Frequency Response: 2 to 15000 Hz

Overall Acceleration Range (±): 100 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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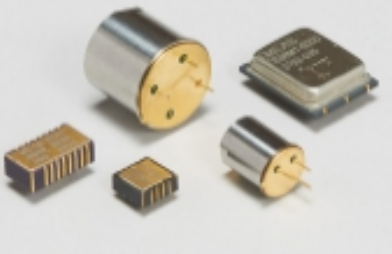
Acceleration Range (±)	100 g
Overall Acceleration Range (±)	100 g
Sensitivity	12.5 mV/g
Sensitivity Range	12.5 mV/g

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 #3038-6000
Embedded Accelerometer STOCK LIST



TE Part #FS2030-000X-0500-G
FS2030 500G FORCE SENSOR



TE Part #1-440146-2
1.25mm WTB Socket,Housing,12p



TE Part #4-2176326-3
CRGP 0603 33K 1%



TE Part #1007214-3
AMPLIFIER&US POWER SUPPLY PLUG



TE Part #52464
TERMINAL,PG SPR SPD 16-14 8

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_20011424-00_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20011424-00_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20011424-00_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