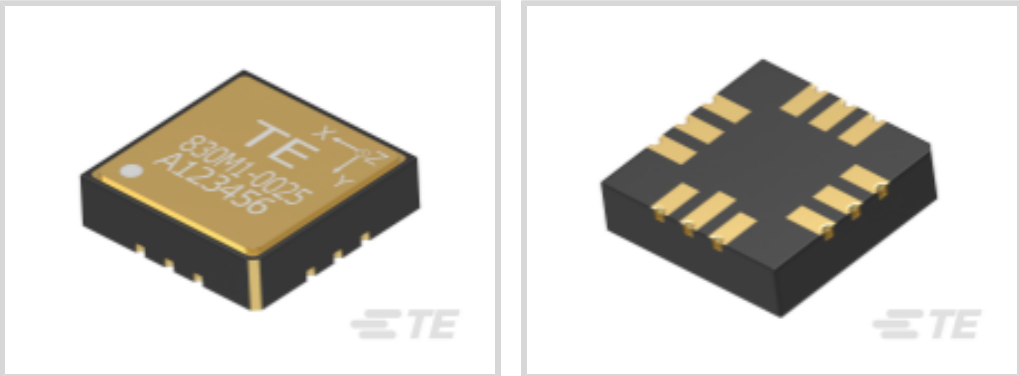




Sensors > Vibration Sensors > Embedded Accelerometers > Model 830M1 Triaxial SMT Accelerometers



Acceleration Range (±): 50 g

Frequency Response: 2 to 15000 Hz

Overall Acceleration Range (±): 50 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 (±)	50 g
Overall Acceleration Range (±)	50 g
Sensitivity	25 mV/g
Sensitivity Range	25 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 #0460-202-16141
DEUTSCH SOLID CONTACTS

TE Part #282080-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSINGTE Part #206070-8
CABLE CLAMP KIT #17TE Part #DT04-2P
DEUTSCH DT Series Housings & ConnectorsTE Part #W2S
DEUTSCH DT WEDGELOCKSTE Part #281934-2
SINGLE WIRE SEAL

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_20011423-00_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20011423-00_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20011423-00_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