The Model 7132AHT is a high temperature miniature triaxial IEPE accelerometer available in ±50g to ±500g dynamic ranges.

Acceleration Range (±): 50 g, 100 g, 500 g, 2000 g
Frequency Response: 0.8-8000 to 0.8-10000 Hz
Accelerometer Type: IEPE
Number of Axes: 3
Sensitivity: 10 mV/g, 100 mV/g, 2.5 mV/g, 50 mV/g

The accelerometer features a hermetically sealed titanium construction with a 4-pin Microtech connector interface.

The model 7132HT incorporates stable piezoceramic crystals in annular shear mode with an operating temperature range of -55°C to +163°C. The accelerometer offers a flat frequency response up to >10kHz.

**BENEFITS**
- 4-pin Connector Interface
- Wide bandwidth up to 10kHz
- Adhesive or Stud Mounting
- -55°C to +163°C Operating Range
- Annular Shear Mode Crystals
- Stable Temperature Response

**Features**

**Product Type Features**

<table>
<thead>
<tr>
<th>Accelerometer Type</th>
<th>IEPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor Type</td>
<td>AC Response Plug &amp; Play Accelerometers</td>
</tr>
</tbody>
</table>

**Configuration Features**

| Electrical Connection | 4-Pin Connector |

**Electrical Characteristics**
## High Temperature Miniature Accelerometer

**TE Model #:** 7132AHT  
**TE Internal #:** CAT-PPA0098

### Excitation Current (mA)
- 2 - 10

### Excitation Voltage (VDC)
- 22 - 30

### Full Scale Output Voltage (VDC)
- ±5

### Signal Characteristics

| Frequency Response (Hz) | 0.8-8000 to 0.8-10000 |

### Body Features

<table>
<thead>
<tr>
<th>Material</th>
<th>Titanium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (g)</td>
<td>15</td>
</tr>
<tr>
<td>Weight (oz)</td>
<td>.525</td>
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<tr>
<td>Number of Axes</td>
<td>3</td>
</tr>
</tbody>
</table>

### Mechanical Attachment

| Mounting Type | Adhesive |

### Usage Conditions

| Operating Temperature Range (°C) | -55 - 163      |
| Operating Temperature Range (°F) | -67 - 325      |

### Other

| Nonlinearity (%FSO) | ±1          |
| Acceleration Range (±) (g) | 50, 100, 500, 2000 |
| Sensitivity         | 10 mV/g, 100 mV/g, 2.5 mV/g, 50 mV/g |

### Related Materials

**Data Sheet**
- 7132AHT_Accelerometer  
- English

### Also in the Series
| MEAS 7132AHT |

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For support call +1 800 522 6752