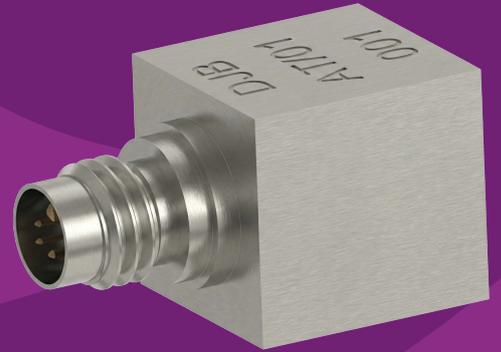


AT/01

Tri-axial charge accelerometer

2pC/g, Side Entry 1/4-28 UNF Connector, Adhesive Mount



KEY FEATURES

- ✓ 0.7Hz to 8kHz frequency range
- ✓ 2pC/g nominal sensitivity
- ✓ Titanium case
- ✓ 6.8 grams

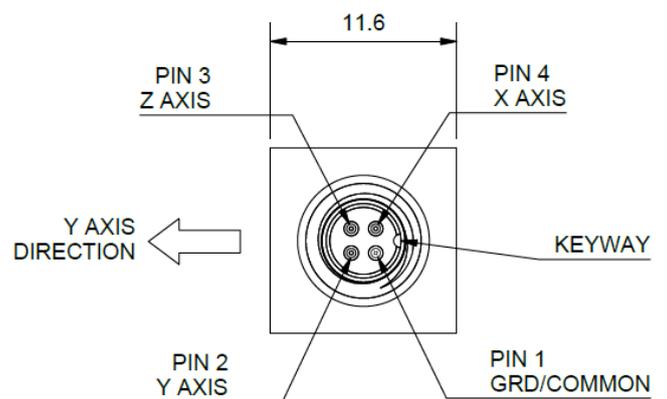
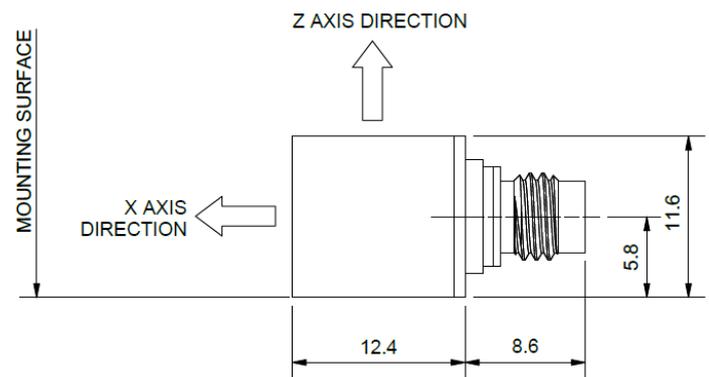
DEVICE OPTIONS

- ✓ Extended low & high frequency calibration
- ✓ AT/01/TB 5-40 UNC tapped base

CABLE OPTIONS

- ✓ 4S-1/ET25-LN/27/4F/3TI8/3/BC1 - 4 pin socket, low-noise cable ending in 3x BNC, 3 metres
- ✓ Other options and lengths available

AT/01 ACCELEROMETER DIMENSIONS



All measurements in millimeters (mm)

TECHNICAL SPECIFICATIONS

Performance

AT/01

| | |
|---|---------------------------------|
| Charge Sensitivity | 2pC/g nominal |
| Frequency Response ($\pm 5\%$) | 1Hz - 7kHz |
| Frequency Response ($\pm 10\%$) | 0.7Hz - 8kHz |
| Resonant Frequency | $\geq 58\text{kHz}$ |
| Base Strain Sensitivity | $\leq 0.01\text{g}/\mu\epsilon$ |
| Cross-Axis Error | $\leq 5\%$ |

Electrical

| | |
|--|----------------|
| Capacitance ($\pm 10\%$) | 270pF |
| Connector | 1/4 UNF, 4 pin |

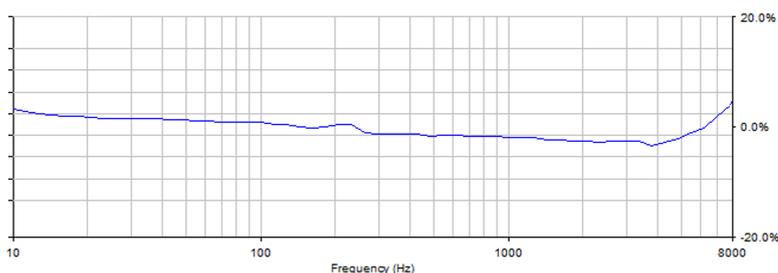
Physical

| | |
|-----------------------------------|----------------------|
| Case Material | Titanium |
| Mounting | Adhesive |
| Recommened Mounting Torque | N/A |
| Weight | 6.8 grams |
| Size (mm) | 12.4 x 11.6 x 11.6mm |
| (Inches) | 0.49 x 0.46 x 0.46" |

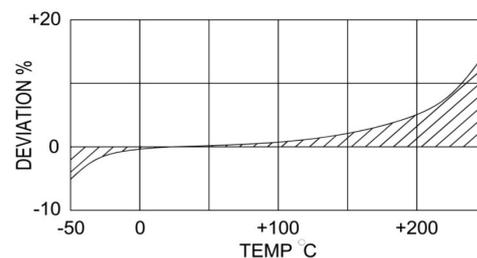
Environmental

| | |
|--|---|
| Temperature Range ($^{\circ}\text{C}$) | -55°C to $+200^{\circ}\text{C}$ |
| ($^{\circ}\text{F}$) | -67°F to $+392^{\circ}\text{F}$ |
| Maximum Shock | 10000g |
| Total Mass Loss (TML) | $< 0.1\%$ |

TYPICAL FREQUENCY RESPONSE



TYPICAL THERMAL RESPONSE



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SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

ALL DEVICES CALIBRATED IN ACCORDANCE WITH BS ISO 16063-21:2003. ALL DEVICE CALIBRATIONS ARE UKAS TRACEABLE.