

High Impulse Accelerometer

Model AH111A

Features:

- High Impact Accelerometer
- Setting with L5 Screw
- Light
- Best Temperature Characteristic

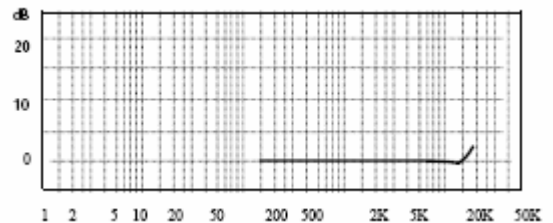
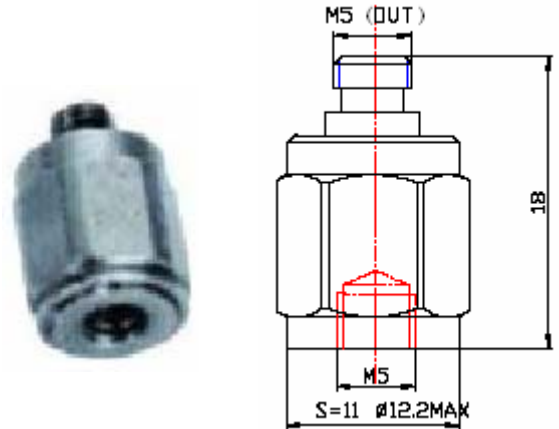
Specifications:

Dynamic Characteristics

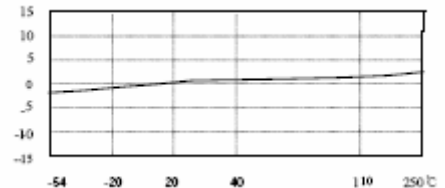
Axes Sensitivity (20±5 deg C)	~ 0.03pC/g
Max Transverse Sensitivity	<= 10 %
Measurement Range (p-value)	50,000 g
Frequency Response (10%)	2 - 10000Hz
Resonance Frequency	45,000 Hz
Temperature Response	See temperature curve
Polarity	Positive
Insulated Resistance	>10 ¹⁰ Ω
Capacitance	~ 7 Pf

Environmental/Physical Characteristics

Temperature Range	-54 to +250 °C
Shock Limit	50,000g
Temperature Sensitivity	0.1g/°C (0.3Hz)
Magnetic Field Sensitivity	0.2g/T
Structural Strain Sensitivity	2.5 mg/ μ ε
Weight	10 g
Case Material	Stainless steel
Mounting	M5 Screw
Piezo Material	Quartz
Structure	Compress Structure
Output Connection	L5
Included Accessories	Calibration sheet M5 L5 STYV-1 cable (2m)



Frequency Response Curve



Temperature Curve

Product information:
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