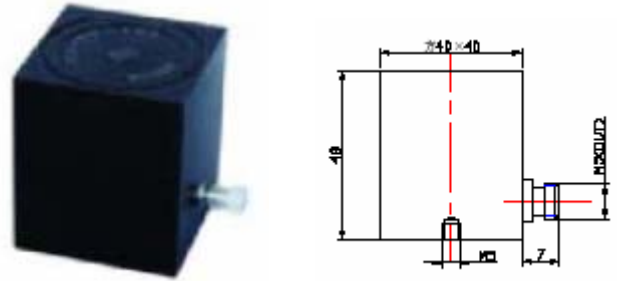


Low Frequency Charge Accelerometer

Model AS105

Features:

- Impact and Vibration
- Charge Type Accelerometer
- Positive Voltage Effect



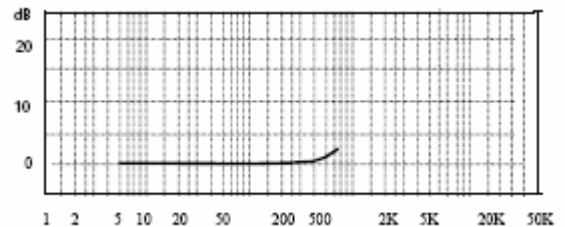
Specifications:

Dynamic Characteristics

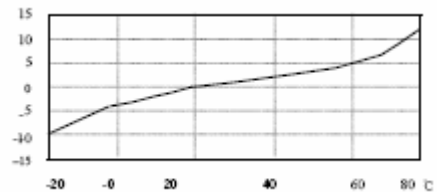
Axes Sensitivity (20±5 deg C)	3000 pC/g
Max Transverse Sensitivity	<= 5 %
Frequency Response (10%)	0.2-500Hz
Resonance Frequency	1500 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10 ⁹ Ω
Capacitance	~ 6000 Pf

Environmental/Physical Characteristics

Temperature Range	-20 to +80 °C
Shock Limit	30g
Temperature Sensitivity	10mg/ °C (0.3Hz)
Magnetic Field Sensitivity	10g/T
Foundation Strain	0.2 mg/ μ ε
Weight	300g
Case Material	LY12
Mounting	M5 Screw
Piezo Material	PZT-5
Structure	Center compression
Output Connection	L5 (one side)
Included Accessories	Calibration sheet M5 L5 STYV-1 cable (2m)



Frequency Response Curve



Temperature Curve

Product information:
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