

Standard Low Frequency Accelerometer

Model AG109

Features:

- Impact and Vibration
- Charge Type Accelerometer
- Low Frequency and High Sensitivity
- Cutting Structure

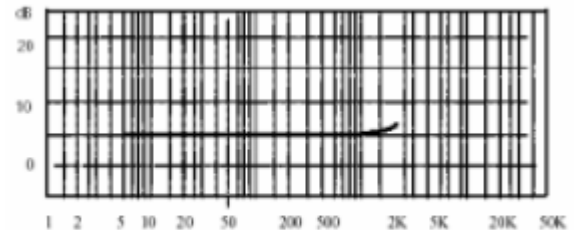
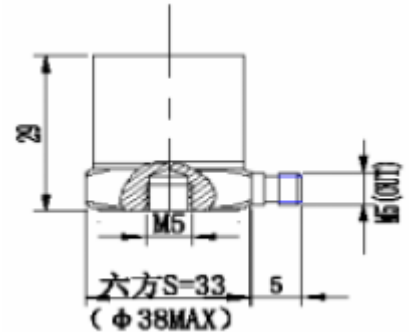
Specifications:

Dynamic Characteristics

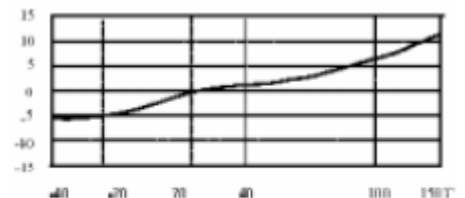
Axes Sensitivity (20±5 deg C)	25000 pC/g
Max Transverse Sensitivity	<= 5 %
Frequency Response (+/-10%)	1 - 1000Hz
Resonance Frequency	2500 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10E9 Ohms
Capacitance	~ 6000 pF

Environmental/Physical Characteristics

Temperature Range	-40 to +150 deg C
Shock Limit	500g
Temperature Sensitivity	20mg/degC (0.3Hz)
Magnetic Field Sensitivity	0.6g/T (50Hz, 0.03T)
Structural Strain Sensitivity	0.5 mg/microstrain
Weight	210g
Case Material	Stainless steel
Mounting	M5 Screw
Piezo Material	PZT-5
Structure	Cutting Method
Output Connection	L5 (One Side)
Included Accessories	Calibration sheet M5, M5/M8 L5 STYV-1 cable (2m)



Frequency Response Curve



Temperature Curve

Product information:
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