

High Impulse Accelerometer

Model AG127

Features:

- Vibration and Shock Measurements
- Cutting Mode
- Charge Type Accelerometer

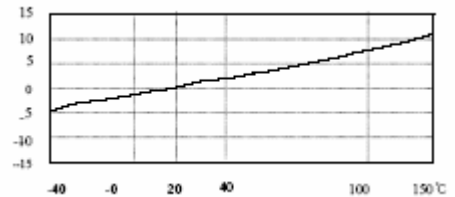
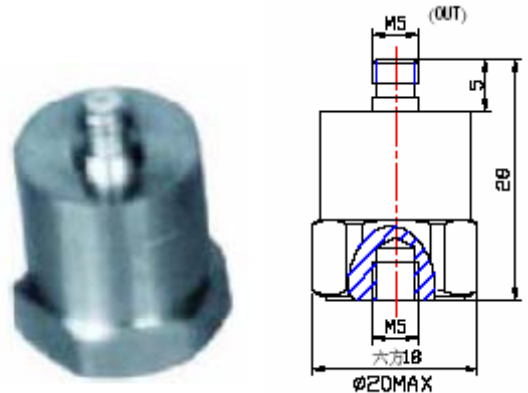
Specifications:

Dynamic Characteristics

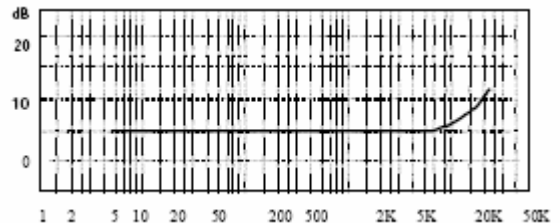
Axes Sensitivity (20±5 deg C)	150 pC/g
Max Transverse Sensitivity	<= 5 %
Frequency Response (+/-10%)	0.3 - 5000Hz
Resonance Frequency	15,000 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10 ⁹ Ω
Capacitance	~ 2, 000 Pf

Environmental/Physical Characteristics

Temperature Range	-40 to +150 °C
Shock Limit	600g
Temperature Sensitivity	4mg/°C (0.3Hz)
Magnetic Field Sensitivity	2g/T
Structural Strain Sens.	0.2 mg/μ ε
Weight	38g
Case Material	Stainless steel
Mounting	M5 Screw
Piezo Material	PZT-5
Structure	Triangle cut Mode
Output Connection	L5
Included Accessories	Calibration sheet M5 Screw L5 STYV-1 cable (2m)



Temperature Curve



Frequency Response Curve