

General Integrated Chip Accelerometer

Features:

Model AI135B

- Integrated Chip Inside
- For Handheld Vibration Measure
- With Spring Cable

Specifications:

Dynamic Characteristics

Axes Sensitivity (20±5 deg C)	~ 30 mV/g
Measurement Range	100 g
Max Transverse Sensitivity	<= 5 %
Frequency Response (+/-5%)	1 - 5000 Hz
Resonance Frequency	25000 Hz
Temperature Response	See temperature curve
Polarity	Positive

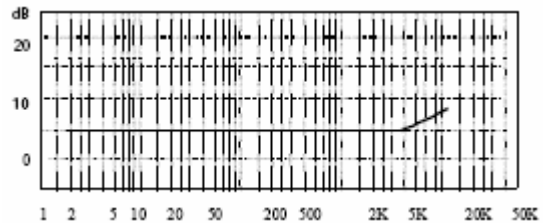
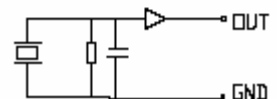
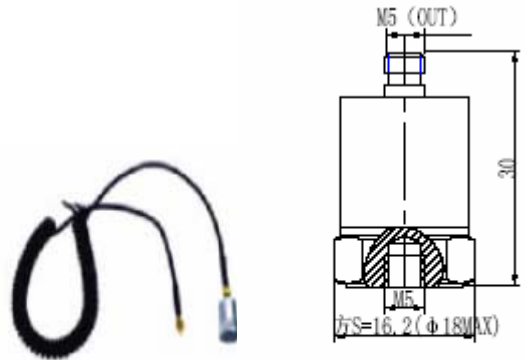
Electrical Specifications

Voltage Supply	+9 V _{DC}
Current	+2 ~ +10 mA
Max Signal Output	<3V _P
Output Impedance	< 100 Ω
Bias Voltage	7 +/- 1 V _{DC}
Noise (1~20KHz)	< 2mg

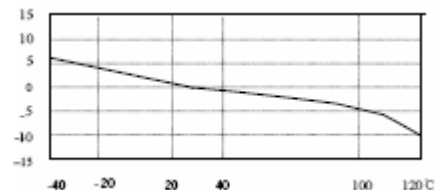
Environmental/Physical Characteristics

Temperature Range	-20 to +120 °C
Shock Limit	300g
Temperature Sensitivity	4mg/°C (0.3Hz)
Case Strain Sensitivity	0.2 mg/ με
Magnetic Field Sensitivity	2g/T (50Hz, 0.03T)
Weight	35g
Case Material	Stainless Steel
Mounting	M5 Screw
Piezo Material	PZT-5
Structure	Cut mode

Included Accessories	Calibration sheet
	M5 screw
	L5 - 3.5mm earphone pin wire



Frequency Response Curve



Temperature Curve