

## General Integrated Chip Accelerometer

### Features:

- IC Inside
- 6 rank filter
- Integral Cable
- Airproof

### Model AI151L

### Specifications:

#### Dynamic Characteristics

Axes Sensitivity (20±5 deg C)	~ 1000 mV/g
Measurement Range	5 g
Max Transverse Sensitivity	<= 5%
Frequency Response (+/-5%)	0.5 ~ 250Hz, 0.5 ~ 500Hz
Attenuation	>36dB
Temperature Response	See temperature curve
Polarity	Positive

#### Electrical Specifications

Voltage Supply	+9 V <sub>DC</sub>
Current	+2 ~ +10 mA
Max Signal Output	<5 V <sub>P</sub>
Output Impedance	< 100 Ω
Bias Voltage	0 V
Noise (1~20KHz)	< 0.3mg

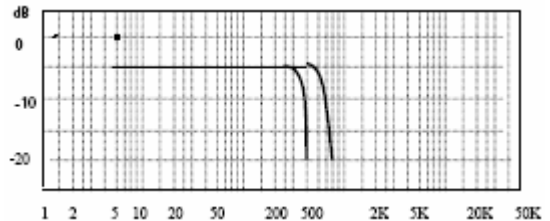
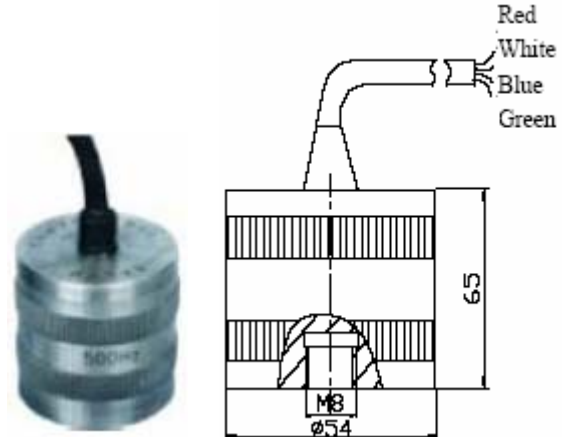
#### Environmental Characteristics

Temperature Range	-20 to +80 °C
Shock Limit	5g

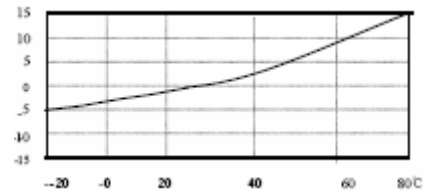
#### Physical Characteristics

Weight	35g
Case Material	Stainless Steel
Mounting	M8 Screw
Piezo Material	PZT-5
Structure	Cut mode
Output Connection	Integral Cable

Included Accessories	Calibration sheet M5 screw
Wires	Red (+9V), White (-9V) Blue (output), Green/Black (GND)



Frequency Response Curve



Temperature Curve

Product information:  
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