



### Piezoelectric Accelerometer (TO-5 package)

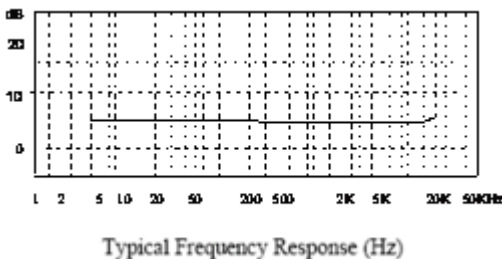
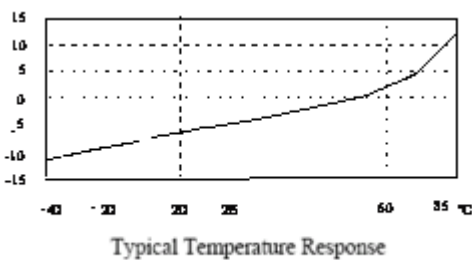
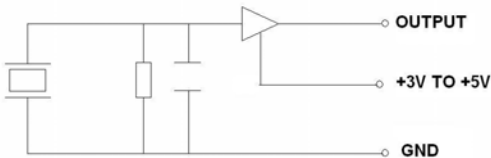
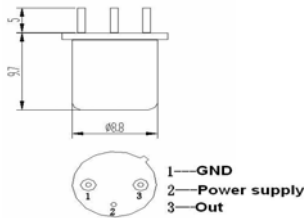
Model: CA-YD-166

#### FEATURES

- Built-in IC three-wire system circuit
- Top pin output
- Small size, light weight (embedded type)
- TO-5 package

#### SUPPLIED WITH

- Calibration chart



#### Technical Specifications:

Axial Sensitivity (20±5°C)	100mV/g
Measurement Range (peak)	20g
Transverse Sensitivity	≤5 %
Frequency Response (0.5dB)	1 to 10,000 Hz
Mounting Resonance Frequency	25,000 Hz
Temperature Response	Refer to the temperature curve
Polarity	Positive
Operating Temp. Range	-54 to +85 °C
Shock Limit	7,000g
Operating Voltage	+3 to +5 V(DC)
Operating Current	0.75mA
Max. Output Signal (peak)	≤2.5V
Output Impedance	< 100 Ω
Noise(1 to 20kHz)	< 1 mg
DC Offset Voltage	0.5V
Weight	4g
Case Material	Stainless steel
Mounting Method	TO-5
Sensing Element	PZT-5
Structural Design	Shear
Thermal Transient Sensitivity	8mg/°C (0.3Hz)
Magnetic Sensitivity	1.5g/T
Base Strain	0.2mg/με
Output type	pin:1, ground wire 2, power source 3, output