

Piezoelectric Accelerometer with Charge Output (Small Size / Light Weight)

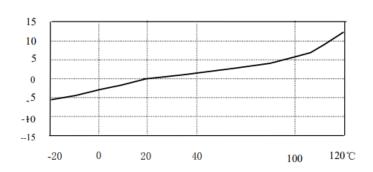
Model: CA-YD-106

Specifications:

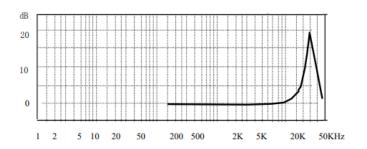
Axial Sensitivity (20±5°C)	25 pC/g
Measurement Range (Peak Value)	2000 g
Transverse Sensitivity	≤ 5%
Frequency Response (±5%)	0.5~12000 Hz
Mounting Resonance Frequency	40 kHz
Operation Temp. Range	-20∼+120 °C
Temperature Response	Refer to Temp. Curve
Temperature Coefficient	0.1 g/°C(0.3Hz)
Magnetic Sensitivity	3 g/T
Base Strain Sensitivity	0.8 g/με
Insulation Resistance	≥10 ⁹ Ω
Capacitance	~1500 pF
Mounting Method	M5
Sensing Element	PZT-5
Sensing Geometry	Compression
Case Material	Stainless Steel
Weight	15 g
Output Type	L5 (Top)
Grounding	Signal Ground Connected to Case
M5 stud, Protection Cap	Included
Low Noise Cable L5 to BNC	Included
Calibration Certificate	Included



Schematic diagram



Typical Temperature Response Curve



Typical Frequency Response Curve