

Piezoelectric Accelerometer with Charge Output (High Shock)

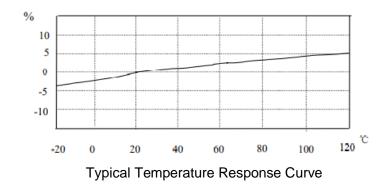
Model: CA-YD-102

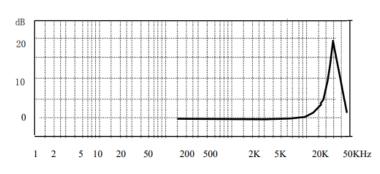
Specifications:

Axial Sensitivity (20±5°C)	15 pC/g
Measurement Range (Peak Value)	5000 g
Max. Transverse Sensitivity	≤ 5%
Frequency Response (±5%)	2~10000 Hz
Mounting Resonance Frequency	> 40 kHz
Non Linearity	Vibration <1% Shock <10%
Operation Temp. Range	-20 ~ +120 ℃
Temperature Response	Refer to Temp. Curve
Temperature Coefficient	0.1 g/°C(0.3Hz)
Magnetic Sensitivity	2 g/T
Base Strain Sensitivity	0.6 mg/με
Insulation Resistance	≥10 ⁹ Ω
Capacitance	~1100 pF
Mounting Method	M5
Sensing Element	Piezo ceramics
Sensing Geometry	Compression
Case Material	Stainless Steel
Weight	14 g
Output Type	L5 (top)
Grounding	Signal Ground Connected to Case
M5 Stud, Protection Cap	Included
Low Noise Cable to BNC	Included
Calibration Certificate	Included



Schematic diagram





Typical Frequency Response Curve