

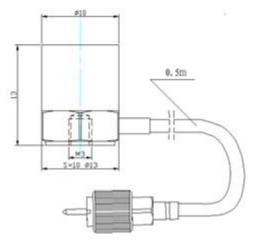
Piezoelectric Accelerometer with Charge Output (High Shock)

Model: CA-YD-115

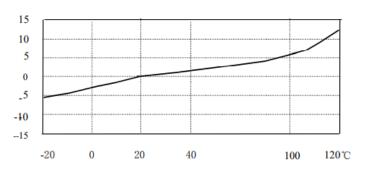
Specifications:

	T
Axial Sensitivity (20±5°C)	7 pC/g
Measurement Range (Peak Value)	7000 g
Max. Transverse Sensitivity	≤ 5%
Frequency Response (±5%)	5∼15000 Hz
Mounting Resonance Frequency	> 45 kHz
Operation Temp. Range	-20∼+80 °C
Temperature Response	Refer to Temp. Curve
Temperature Coefficient	0.1 g/°C(0.3Hz)
Magnetic Sensitivity	3 g/T
Base Strain Sensitivity	0.6 g/με
Insulation Resistance	≥10 ⁹ Ω
Capacitance	~600 pF
Mounting Method	M3
Sensing Element	Piezo ceramics
Sensing Geometry	Compression
Case Material	Stainless Steel
Weight	9 g (inclusive of cable)
Output Type	Integrated cable (side)
Grounding	Signal Ground Connected to Case
M3 Stud, Protection Cap	Included
Low Noise Cable to BNC (80°C)	Included
Calibration Certificate	Included

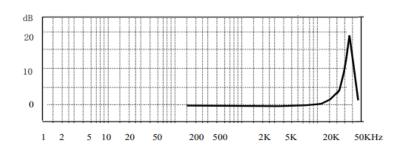




Schematic diagram



Typical Temperature Response Curve



Typical Frequency Response Curve