

Piezoelectric Accelerometer (Triaxial, High shock)

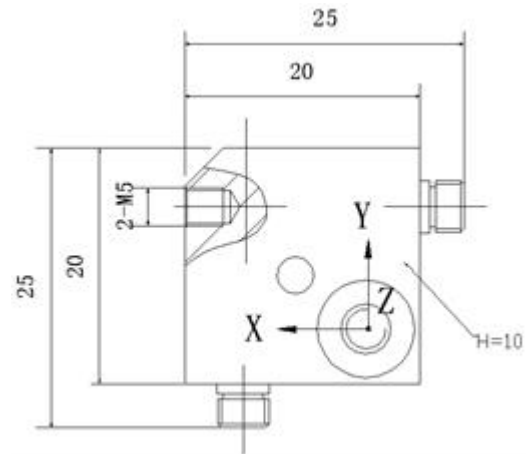
Model: CA-YD-3141

Features:

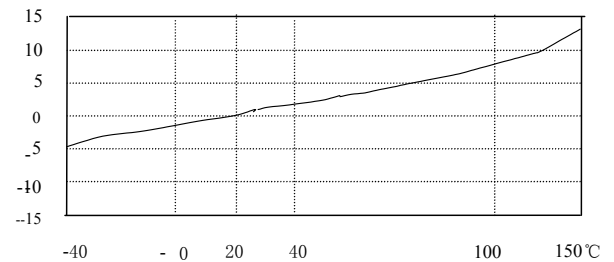
- Triaxial output, simultaneous X,Y,Z vibration measurements
- Mounting by a middle through hole and 2-M5
- Passive, direct piezoelectric effect

Specifications:

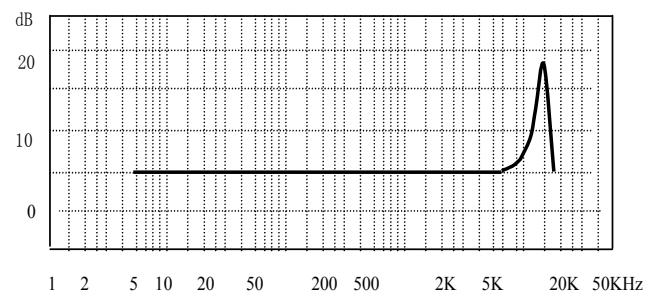
Sensitivity(20±5℃)	~10 pC/g
Measurement Range(pk)	2000 g
Max Transverse Sensitivity	≤5 %
Frequency Response (±5%)	1~ 6,000 Hz
Mounting Resonant Frequency	30,000 Hz
Operating Temp. Range	-40~+150 ℃
Temperature Response	See Graph
Shock Limit(pk)	5,000 g
Transient Temperature Response	8 mg/℃(0.3Hz)
Magnetic Sensitivity	0.5 g/T
Base Strain Sensitivity	4 mg/με
Case Isolation	> 10 ⁹ Ω
Capacitance	1500 pF
Mounting	φ5 through hole and 2-M5
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	Titanium Alloy
Weight	17 g
Output	X, Y, Z Triaxial L5
Accessories	
Certificate	Calibration parameter, frequency response
M5 Stud, protection cap	2/3
2m, L5/L5 STYV-1	3



Dimensions



Temperature Response



Frequency Response