



## Piezoelectric Accelerometer (High Temperature)

Model: CA-YD-112

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

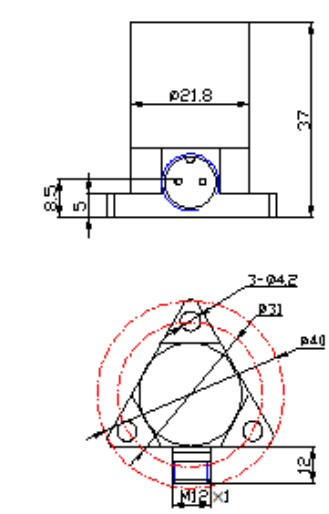


### Features:

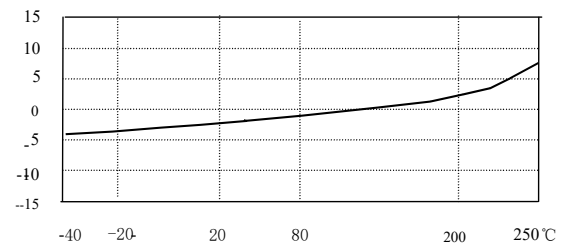
- Isolated, anti-interference, Industrial monitoring
- Triangle permanently installed
- 482 °C high temperature resistant

### Specifications:

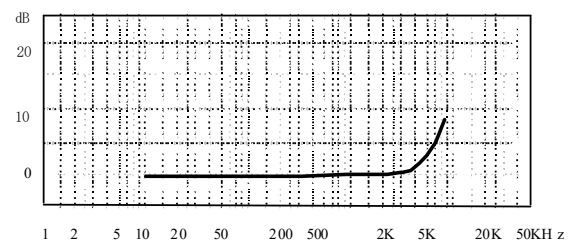
Sensitivity (20±5°C)	50 pC/g
Measurement Range(pk)	100 g
Max Transverse Sensitivity	≤5 %
Frequency Response (±5%)	5~3000 Hz
Mounting Resonant Frequency	15,000 Hz
Operating Temp. Range	-54~+482 °C
Temperature Response	See Graph
Shock Limit(pk)	1000 g
Transient Temperature Response	0.1 g/°C(0.3Hz)
Magnetic Sensitivity	1 g/T
Base Strain Sensitivity	3 mg/με
Insulation Resistance (2-core)	> 10 <sup>9</sup> Ω
Insulation Resistance (Core-shell)	> 10 <sup>8</sup> Ω
Capacitance	~3000 pF
Mounting	3 hole M4 or central M5 screw
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Differential output
Case Material	Stainless steel
Weight	105 g
Output	2-pins,side (case isolated)
Accessories	
Certificate	Calibration parameter, frequency response
Double-ended M12×1 STFF-1 two-pin four fluorine low noise cable (2m)	one



Dimensions



Temperature Response



Frequency Response

### LABSEN® - Laboratory and Sensor Technologies

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