



## Capacitance Accelerometer

Model: CA-DR-001

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

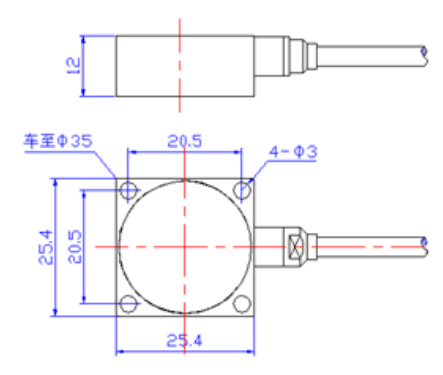


### Features:

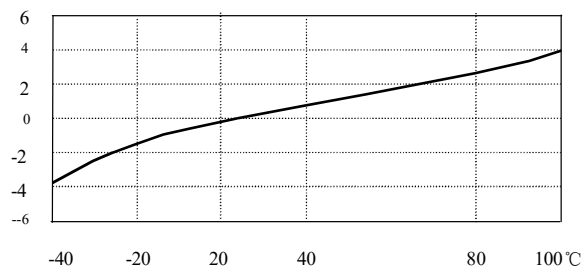
- Frequency response down to 0Hz
- Single power supply, voltage output, easy to use

### Specifications:

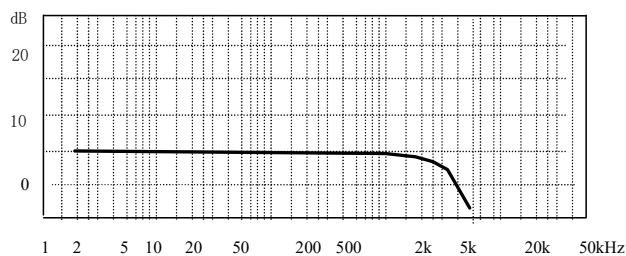
Sensitivity (20±5℃)	1000 mV/g
Measurement Range(pk)	±1 g
Max Transverse Sensitivity	≤5 %
Frequency Response(-3dB)	0~ 800 Hz
Non- Linearity	≤0.5%
Operating Temp. Range	-40~+120 ℃
Temperature Response	See Graph
Shock Limit(no power supply)	5000 g
Temperature Coefficient of Sensitivity	0.3 %/℃
Noise	< 45 ug/√Hz
Output Impedance	< 100 Ω
Operating Voltage	+6~+16 VDC
Operating Current	≤5 mA
0 g Bias Voltage	2.5±0.1 V
Mounting	4-φ2.8 hole
Case Material	Stainless steel
Weight	20 g
Output	Overall 3-pin shielded cable Red: positive power supply; White: Ground; Green: Output
Accessories	
Certificate	Calibration parameters, frequency response
M2.5×15 stud	four



Dimensions



Temperature Response



Frequency Response

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