

Tri-axial Capacitance Accelerometer

Model: CA-DR-3001

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

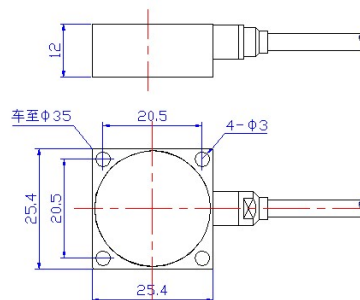


Features:

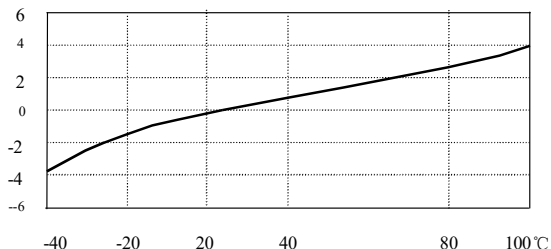
- Tri-axial output, frequency response down to 0Hz
- Single power supply, voltage output, easy to use

Specifications:

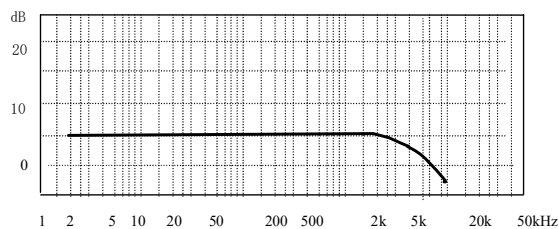
Sensitivity (20±5℃)	1000 mV/g(Tri-axial)
Measurement Range(pk)	±1 g
Max Transverse Sensitivity	≤5 %
Frequency Response (-3dB)	0~ 800 Hz
Non-Linearity	≤0.5 %
Operating Temp. Range	-40~+120 ℃
Temperature Response	See Graph
Shock Limit (no power supply)	5000 g
Temperature Coefficient of Sensitivity	0.3 %/℃
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	Aluminum- Alloy
Weight	20 g
Output	integral 5-pin shielded cable: Red: Power Supply; White: Ground; Yellow: X-axial output; Blue: Y-axial output; Green: Z-axial output
Accessories	
Certificate	Calibration parameter, frequency response
M2.5×25 Stud	four



Dimensions



Temperature Response



Frequency Response

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