



## IEPE Accelerometer (Isolated)

Model: CA-YD-187

Manufacturer: Sinocera Piezotronics Inc.

Distributor: LABSEN

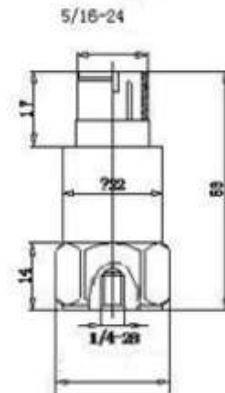


### Features:

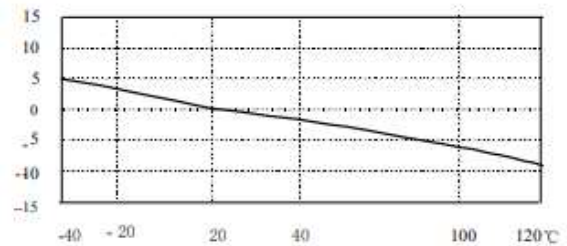
- Built-in IEPE, low noise, strong anti-interference
- Isolated floating, using in industrial site
- MIL-C-5015 two-pin socket output

### Specifications:

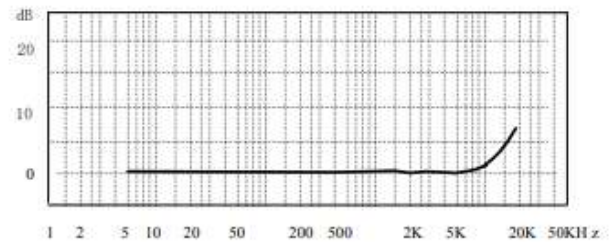
Sensitivity ( $20 \pm 5^\circ\text{C}$ )	100 mV/g
Measurement Range (pk)	$\pm 50$ g
Max Transverse Sensitivity	$< 5\%$
Frequency Response ( $\pm 5\%$ )	1~5000 Hz
Amplitude linearity	$\leq 2\%$
Operating Temp. Range	$-40 \sim +120^\circ\text{C}$
Temperature Response	See Graph
Shock Limit(pk)	3000 g
Noise	$< 30 \mu\text{V}$
Output Impedance	$< 100 \Omega$
Operating Voltage(Constant current source)	+18~28 VDC
Operating Current	2~10 mA
DC Bias Voltage	12 $\pm$ 2 VDC
Case Isolation	$\geq 10^8 \Omega$
Mounting	1/4-28
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	304 Stainless Steel
Weight	80 g
Output	Top 5 / 8-24 two-pin socket
Accessories	
Certificate	Calibration parameter, frequency response
1 / 4-28 / , M8 Stud	one
3106A (5015) plug, Cable (RVVP)	one(3m), one end free



Dimensions



Temperature Response



Frequency Response