

Piezoelectric Accelerometer (Miniature, High Sensitivity)

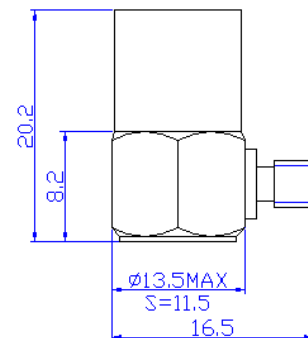
Model: CA-YD-1181

Features:

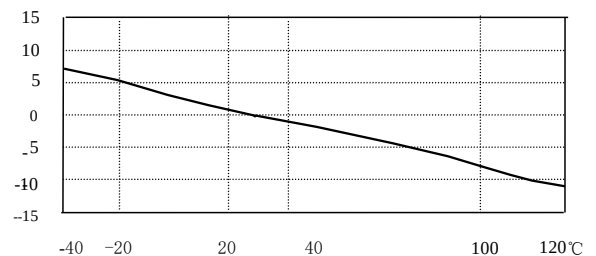
- IEPE, Miniature, Light Weight
- Wide frequency range, wide dynamic range
- Cost-effective general purpose accelerometer
- Side output

Specifications:

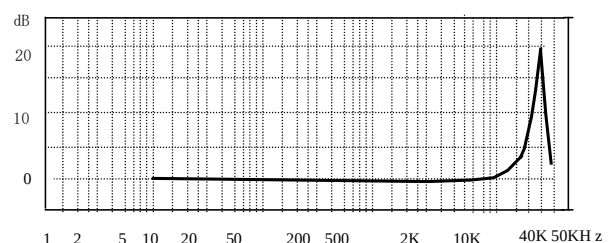
Sensitivity (20±5℃)	100 mV/g
Measurement Range (pk)	50 g
Max Transverse Sensitivity	≤5 %
Frequency Response (±5%)	1~ 10,000 Hz
Mounting Resonant Frequency	40,000 Hz
Operating Temp. Range	-40~+120 ℃
Temperature Response	See Graph
Shock Limit(pk)	3,000 g
Max Output Signal(pk)	≤6 V
Transient Temperature Response	10 mg/℃
Magnetic Sensitivity	1.5 g/T
Base Strain Sensitivity	0.2 mg/με
Noise (1~20KHz)	<0.5 mg
Output Impedance	<100 Ω
Operating Voltage(Constant current source)	+18~+28 VDC
Operating Current	+2~+10 mA (typical 4



Dimensions



Temperature Response



Frequency Response

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In the interest of constant product improvement, we reserve the right to change specifications without notice.

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	mA)
DC Bias Voltage	12±2 V
Mounting	M5
Sensing Element	Piezoelectric Ceramics
Sensing Geometry	Shear
Case Material	Stainless steel
Weight	11 g
Output	L5
Accessories	
Certificate	Calibration parameters, frequency response
M5 Stud, Protection cap	One
L5/ L5 (2m) STYV-1	One

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