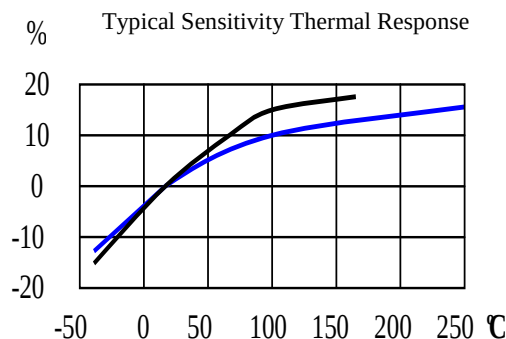


Big Vibration Measuring Model 21105



Sensor Features

- Import high rigidity sensitive core
- Through no zero drift impact test
- Can be used for high temperature 230°C
- High rigidity stainless steel material for sensor
- Connected cable and the installation of the ground insulation



— Import Ceramic
— Domestic Ceramic

DYNAMIC

Sensitivity	-----	0.5 pC/g
Measurement Range	-----	50000 g peak
Amplitude Nonlinearity	-----	2 %
Frequency Range $\pm 5\%$	-----	1 – 12 kHz
$\pm 10\%$	-----	1 – 13.5 kHz
Resonance Frequency	-----	60 kHz
Transverse Sensitivity	-----	$\leq 5\%$

ELECTRICAL

Capacitance	-----	850 pF
Core Insulation Resistance	-----	$\geq 1 \times 10^{11} \Omega$
Insulation Resistance	-----	$\geq 1 \times 10^8 \Omega$

ENVIRONMENT

Maximum Vibration	-----	No
Maximum Shock	-----	70000 g peak
Operation Temperature (Import Ceramic)	---	-40 to 446°F/ -40 to 230°C

Temperature Response	-----	See Graph
Sealing	-----	Welding
Base Strain Sensitivity	-----	0.0008 g/ μ strain

PHYSICAL

Sensing Element	-----	Ceramic / Shear
Housing Material	-----	Stainless Steel
Output Connector / Position	-----	Connected Cable
Mounting Thread	-----	M6 connected
Weight	-----	13 gram

ACCESORIES SUPPLIED

2 mm x 1 m Low Noise Cable
Mounting Stud
Calibration Citification

Note: Output connector and mounting thread can be changed to English 10-32 thread by request.



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