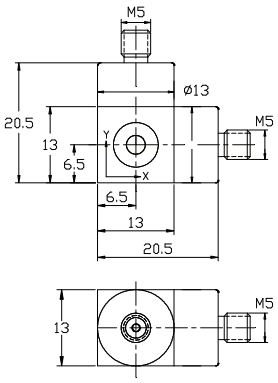
Charge Output Bi -Axial Measurement Accelerometer
Model NTI-23504



DYNAMIC

Sensitivity	10 pC/g
Measurement Range	± 2000 g peak
Amplitude Nonlinearity	1 %
Frequency Range ± 5%	0.5 – 5 kHz
± 10%	0.3 – 6.5 kHz
Resonance Frequency	≥ 22 kHz
Transverse Sensitivity	≤ 5 %

ELECTRICAL

Capacitance	850 pF
Sensing Insulation Resistance	≥ $1x10^{11}$ Ω

ENVIRONMENT

Maximum Vibration	3000 g peak
Maximum Shock	5000 g peak
Operation Temperature (Domestic Ceramic)	-40 to 320°F/ -40 to 160°C
(Import Ceramic)	-40 to 482°F/ -40 to 250°C
Temperature Response	See Graph
Sealing	Welding
Base Strain Sensitivity	0.0005 g/μ strain

PHYSICAL

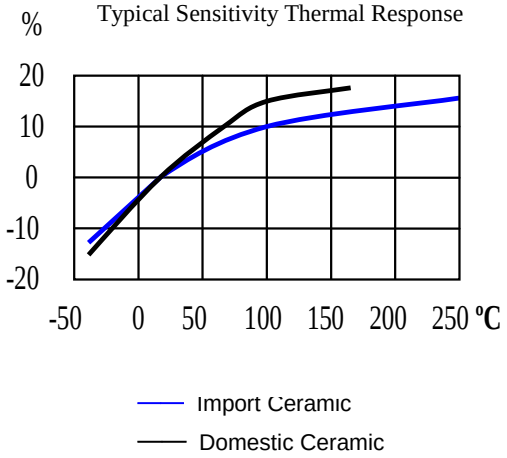
Sensing Element	Ceramic / Shear
Housing Material	Stainless Steel
Output Connector / Position	M5 / Side
Mounting Thread	M5 Through Hole
Weight	65 gram

ACCESORIES SUPPLIED

Ø 2 mm x 1 m Low Noise Cable with M5 / M5 Connectors

M5 Through Hole Mounting Screw

Calibration Certificate

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

Typical Sensitivity Thermal Response