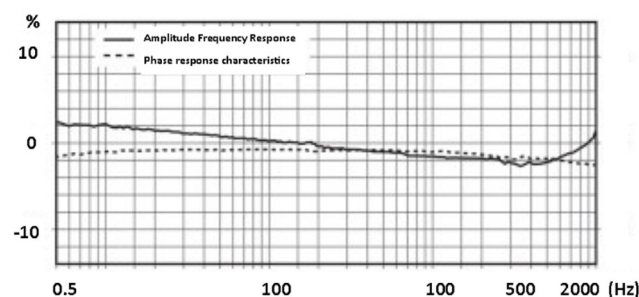
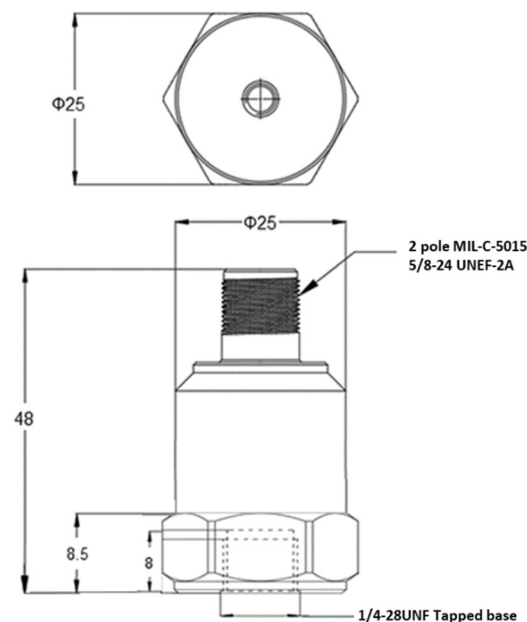


- High Sensitivity IEPE Accelerometer
- Case Isolated
- Piezoelectric ceramic PZT-5
- Sensitivity – 1V/g
- Mass – 98 grams
- MIL-C-5015 top entry connector
- 1/4-28UNF Tapped base

The updated HV1KT-T is a high sensitivity case isolated monoaxial IEPE accelerometer with a top entry 2 pole MIL-C-5015 robust connector and a tapped base for stud mounting.

Featuring a shear design PZT-5 sensing element the HV1KT-T is widely used in seismic, building surveys and other ground borne vibration studies. Now with a reduced size and mass the HV1KT-T has a much reduced impact on mass loading.

Specification	Metric	Imperial
Sensitivity	102mV/(m/s ²)	1V/g
Measurement Range (pk)	±49m/s ²	±5g
Frequency Range ±10%	0.3 to 2000 Hz	
Resonant Frequency	≥8 kHz	
Non-Linearity	≤1 %	
Transverse Sensitivity	≤5 %	
Electrical Noise Floor	0.0001m/s ² rms	0.00001g rms
Overload Limit (Shock)	±4900(m/s ²) pk	±500gpk
Operating Temp. Range	-55 to +125°C	-67 to +257°F
Polarity ↑	Positive	
Compliance Voltage (Supply)	+18 to +28 VDC	
Current range	2 – 20mA	
Output Bias Voltage	11VDC ± 1.5VDC	
Output Impedance	≤100Ω	
Size (excluding connector)	25mmA/Fx48mm	0.98" A/Fx1.89"
Weight	98gm	3.46oz
Sensing Geometry	Shear	
Sensing Element Material	PZT-5	
Case Material	Titanium	
Isolation	Case Isolated	
Connector Position	Top	
Case sealing	Laser Welded	
Electrical Connection Type	2 pole MIL-C-5015	
Mounting	1/4-28UNF Tapped base for stud mount	



Cables for use with HV1KT-T

14C2-50 – 5m cable, RG58 cable, MIL-C-5015 2 pin connector to BNC plug
14C2-100 – 10m cable, RG58 cable, MIL-C-5015 2 pin connector to BNC plug

Cables of any length available

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