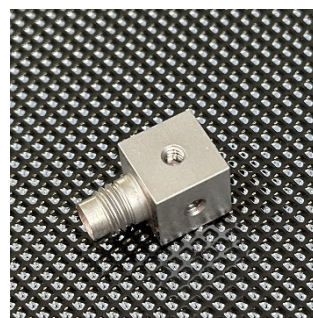
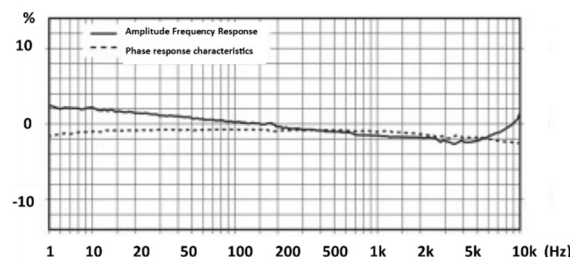
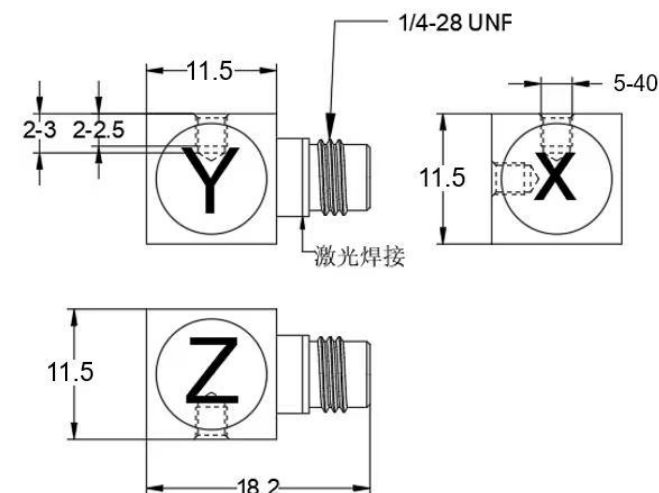


- Miniature Triaxial IEPE Accelerometer
- Sensitivity – 100mV/g
- Shear design
- Piezoelectric ceramic PZT-5
- Mass – 5.8grams
- 1/4-28UNF side entry 4 pin connector
- 5-40UNC tapped base for mounting

| Specification | Metric | Imperial |
|-----------------------------|-------------------------------------|---------------------|
| Sensitivity | 10.2mV/(m/s ²) | 100mV/g |
| Measurement Range (pk) | ±490m/s ² | ±50g |
| Frequency Range ±10% | (Y, Z) 1 to 8000 Hz (X) 2 to 7000Hz | |
| Resonant Frequency | ≥45 kHz | |
| Non-Linearity | ≤1 % | |
| Transverse Sensitivity | ≤5 % | |
| Electrical Noise Floor | 0.001m/s ² rms | 0.0001g rms |
| Overload Limit (Shock) | ±49000(m/s ²)pk | ±5000gpk |
| Operating Temp. Range | -55 to +125°C | -67 to +257°F |
| Compliance Voltage (Supply) | +18 to +28 VDC | |
| Current range | 2 – 10mA | |
| Output Bias Voltage | 11VDC ± 1.5VDC | |
| Size (excluding connector) | 11.5x11.5x11.5 (mm) | 0.45x0.45x0.45 (in) |
| Weight | 5.8gm | 0.204oz |
| Sensing Geometry | Shear | |
| Sensing Element Material | PZT-5 | |
| Case Material | Titanium | |
| Connector Position | Side | |
| Case sealing | Hermetic | |
| Electrical Connection Type | 1/4-28UNF 4 pin | |
| Mounting | 5-40UNC tapped base on two sides | |



The SVT100S-T is a miniature triaxial IEPE accelerometer for use where mass loading is potentially an issue and should be minimised. At just 11.5mm cube and 5.8 grams it has an excellent frequency response. Tapped on two sides for ease of mounting.



Kemo has a range of cable assemblies available for use with the SVT100S-T

- 7F82-50 – 5m cable ending in 3 x BNC plugs (X, Y, Z)
- 7F82-30 - 3m cable ending in 3 x BNC plugs (X, Y, Z)
- 7F81-50 - 5m cable ending in 3 x microdot plugs (X, Y, Z)
- 7F81-30 - 3m cable ending in 3 x microdot plugs (X, Y, Z)

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