

## Tri-Axial Accelerometer

### Model AT141

#### Features:

- Tri-Axial Direction
- Center Mount with 2-M5
- 3-M5 Output
- Positive Voltage Effect

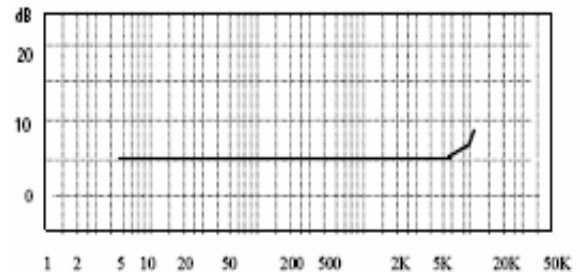
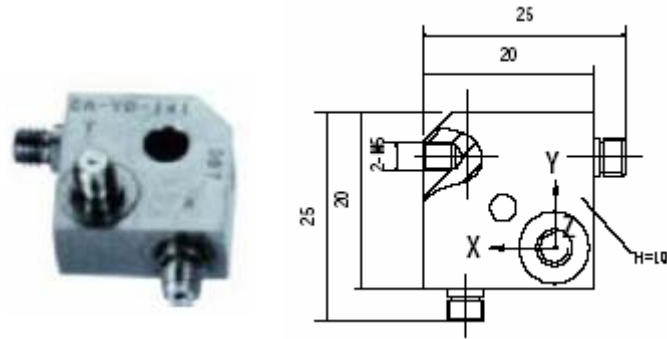
#### Specifications:

##### Dynamic Characteristics

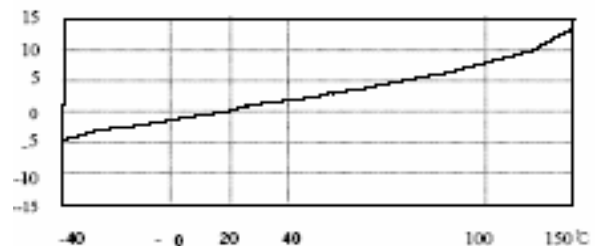
Axes Sensitivity (20±5 deg C)	10 pC/g
Max Transverse Sensitivity	<= 5 %
Frequency Response (1dB)	1 - 5000Hz
Resonance Frequency	30,000 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10 <sup>9</sup> Ω
Capacitance	~ 1500 Pf

##### Environmental/Physical Characteristics

Temperature Range	-20 to +120 °C
Shock Limit	500 g
Temperature Sensitivity	8 mg/°C (0.3Hz)
Magnetic Field Sensitivity	0.5 g/T
Structural Strain Sens.	4 mg/μ ε
Weight	17 g
Case Material	Stainless steel
Mounting	φ 5
Piezo Material	PZT-5
Structure	Cut Mode
Output Connection	X, Y, Z - L5
Included Accessories	Calibration sheet M3 Screw L5 STYV-1 (2m) x 3



Frequency Response Curve



Temperature Curve