

Product Model: **MM247A Series**

## Piezoelectric PE Accelerometer

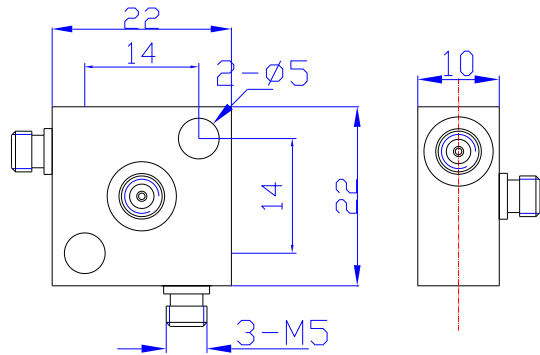
Version: A Date: 17/3/2022

**Sensor Features:**

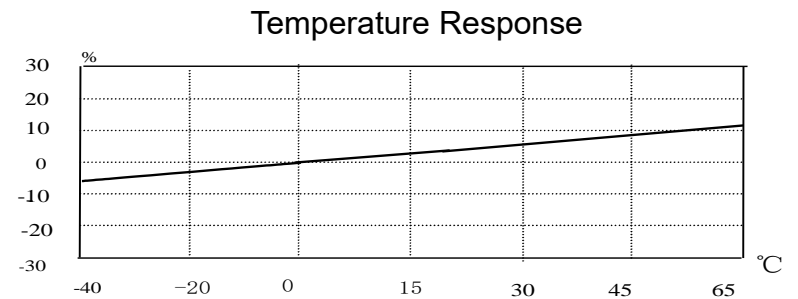
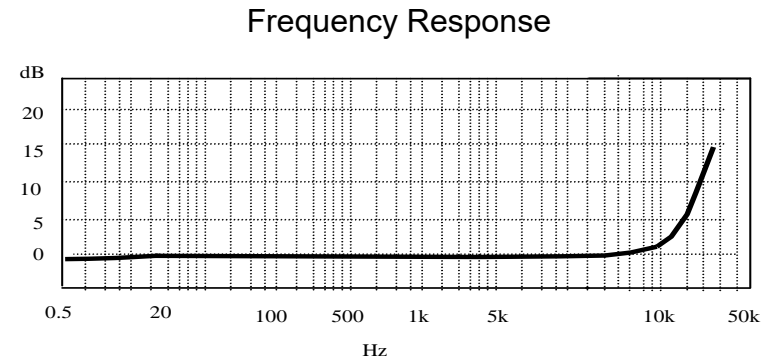
Strong construction with Integral Cable  
 Uses a wide temperature coefficient ceramic material

**Uses:**

High level mechanical shock and vibration measurement  
 Automotive Crash Tests



Model	MM247A-02
Sensitivity	0.5 pC/g
Measurement Range	±10,000 g
Transverse Sensitivity	-
Frequency Range (±1 dB)	8,000 Hz
Resonant Frequency	~30 kHz
Non-linearity	≤5%
Temperature Range	-40 ~ +65 °C
Insulation Resistance	≥10 <sup>10</sup> Ω
Sensing Element/Geometry	Ceramic/Shear
Size mm	As left figure
Weight	~40 g
Mounting	(2) Φ5 (Thru-Hole)
Output Connector	(3) M5
Housing Material	High Strength Stainless Steel
Sealing	Welded



**Accessories**

- 2M Integral Low Noise Cable 1 ea
- Certificate of inspection 1ea + M5 Screws 2ea

**Remark**



**Metromatics**

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