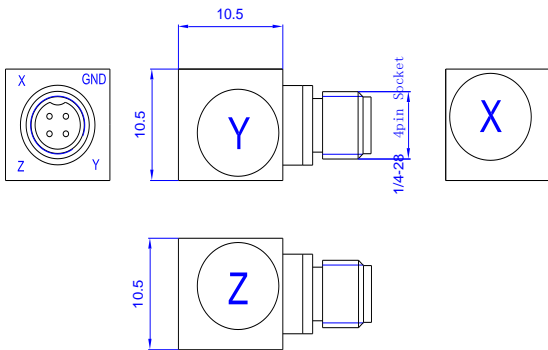


Product Model: **MM141A Series**

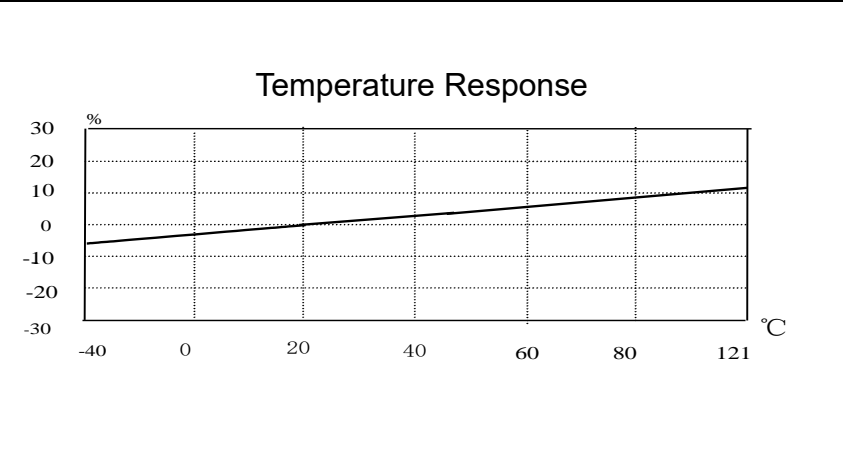
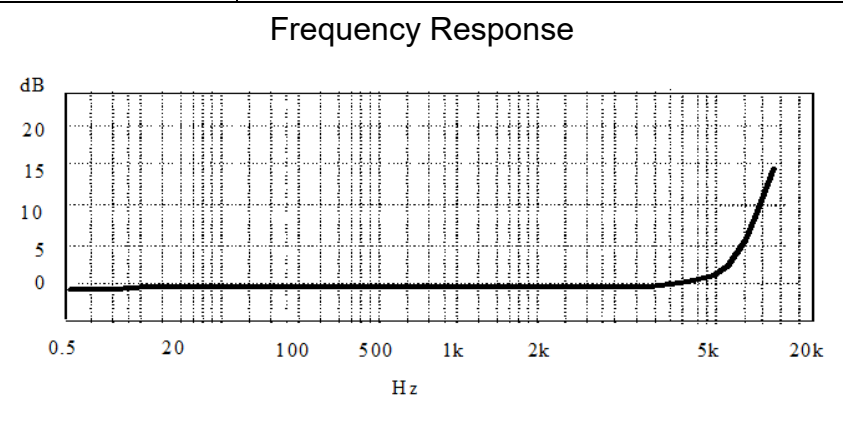
## Miniature Triaxial IEPE Accelerometer

Version: A Date: 17/3/2022

Sensor Feature:  
 Shear design to reduce the influence of the environment on the signal  
 Using wide temperature coefficient ceramic material  
 Small size



Model	MM141A-10
Sensitivity ( $\pm 10\%$ )	10 mV/g
Measurement Range	$\pm 500$ g
Resolution	10 mg rms
Frequency Range ( $\pm 1$ dB)	1-5,000 Hz
Resonant Frequency	$\sim 30$ kHz
Transverse Sensitivity	$\leq 5\%$
Temperature Range	$-40 \sim +121$ °C
Overload Limit (Shock)	$\pm 2,000$ g
Excitation Voltage	+18-+28 VDC
Excitation Current	2 - 10 mA
Output Impedance	$< 100 \Omega$
Output Bias Voltage	$11 \pm 1.5$ VDC
Sensing Element/Geometry	Ceramic/Shear
Size mm	10.5 x 10.5 x 10.5
Weight	$\sim 8.5$ g
Mounting	Adhesive
Housing Material	Stainless Steel



### Metromatics

ABN: 47 007 346 287

**Accessories**

- 5 Metre C008 4pin shielded cable (1/4-28 to 3 BNC) x 1ea
- Certificate of inspection 1ea

**Remark** Output Connector – 4 pin 1/4-28

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