

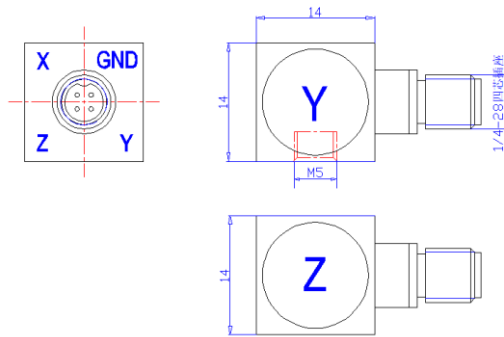
Product Model: **MM141A Series**

Miniature Triaxial IEPE Accelerometer

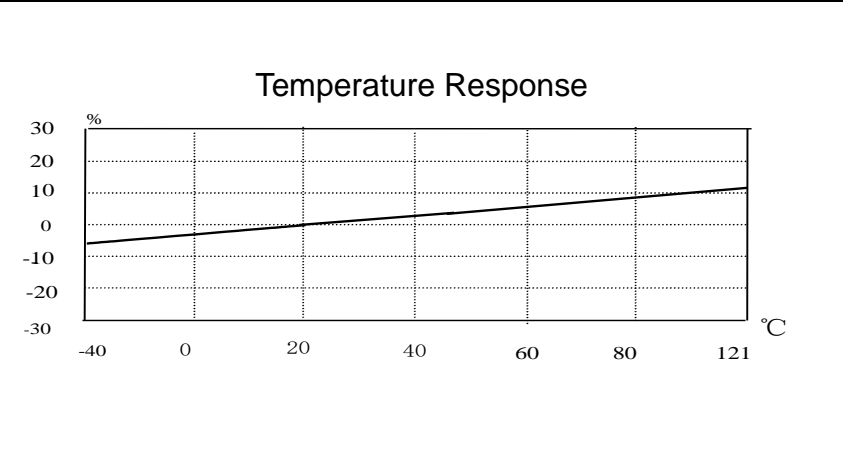
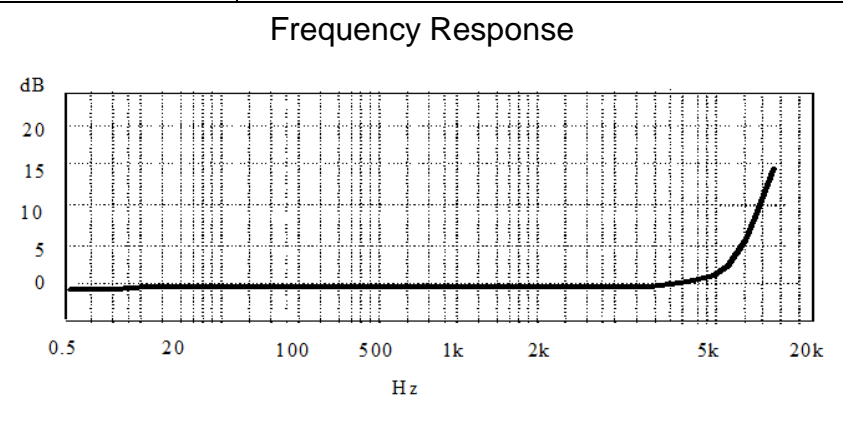
Version: A Date: 17/3/2022

Sensor Feature:

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



Model	MM141A-50
Sensitivity ($\pm 10\%$)	50 mV/g
Measurement Range	± 100 g
Resolution	2 mg rms
Frequency Range (± 1 dB)	1-5,000 Hz
Resonant Frequency	~ 25 kHz
Transverse Sensitivity	$\leq 5\%$
Temperature Range	-40 \sim +121 $^{\circ}\text{C}$
Overload Limit (Shock)	$\pm 1,000$ 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	14 x 14 x 14
Weight	~ 19.5 g
Mounting	M5 (female)
Housing Material	Stainless Steel



Metromatics

ABN: 47 007 346 287

Accessories	<ul style="list-style-type: none"> • 3 Metre C008 4pin shielded cable (1/4-28 to 3 BNC) x 1ea • Certificate of inspection 1ea + M5 Stud 1ea
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Remark	Output Connector – 4 pin 1/4-28
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25 Flinders Parade, North Lakes QLD 4509, AUSTRALIA
www.metromatics.com.au sales@metromatics.com.au
 Brisbane: +61 7 3868 4255 | Sydney: +61 2 9460 4355
 Melbourne: +61 3 9872 4592 | Adelaide: +61 8 8343 8516