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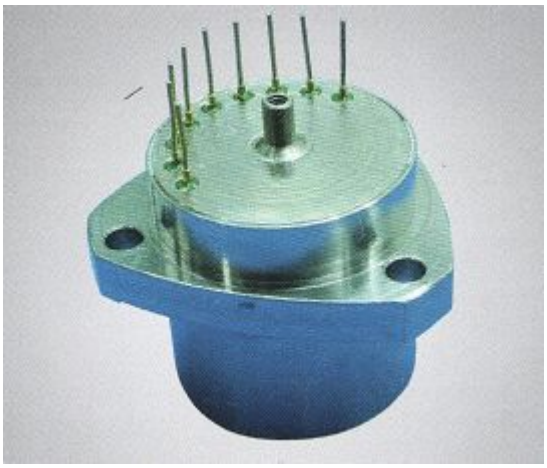
Q-FA® QA-5100 Accelerometer

The high resolution product



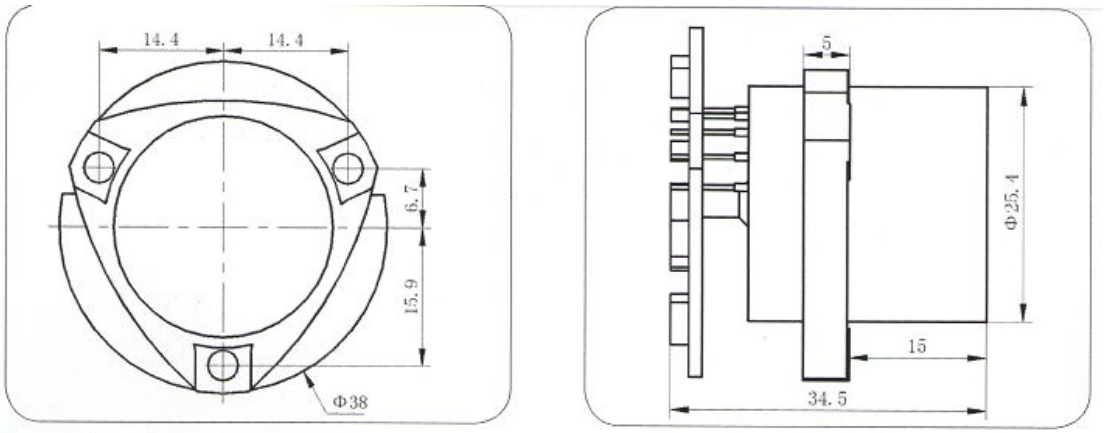
Description

Around a standard quartz -based accelerometers ,improving the resolution Idealphotonics design a new type product.It is ideal for application like Gravity measurements,Gravity gradient measurements,Space Microgravity Measurement etc

Features

- High Resolution
- High precious
- Small input range

Configuration Drawings



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Performance Characteristics

Performance	QA5107	QA5108
Input Range [g]	>5	>2
Bias [mg]	<5	<5
Resolution(ug)	<0.5	<0.05
Bias repeatability（ug）	<20	<20
Temperature Sensitivity [ug/ºC]	<20	＜20
Scale Factor [mA/g]	3±0.3	10±1
Six month Composite Repeatability [ppm]	<20	＜20
Temperature Sensitivity [ppm/ºC]	<20	＜20
Environment	**QA1000**	**QA5108**
Operating Temperature Range [ºC]	55±0.5℃	55±0.5℃
Vibration [g]	20g(20-2000HZ)	
Half- sine shock	1000,0.5ms	
Physical	**QA1000**	**QA5108**
Weight [grams]	90g	100
Case Material	300 Series Stainless Steel	

Find out more:
Fiber optic gyroscope solution
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ISO-9001 Certification Since 1995

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