



**Kinetic Ceramics Inc.**

*Pioneers in Piezoelectric Technology*

## HIGH "G" ACCELEROMETER

**Model: KC-2105**



The KC-2105 is a fast response self powered accelerometer. Acceleration up to 200,000 G may be recorded by this unit. The signal magnitude is such that noise problems are insignificant, the readings usually being in Volts rather than mV. The operating temperature range is -20°C to 100°C. Very low mass means that light weight structures can be monitored without significant damping of response in most cases.

### Specifications:

<b>Response Time:</b>	<100nsec	<b>Mass:</b>	0.22g
<b>Voltage Sensitivity:</b>	0.370mV/G	<b>Dimensions (excluding tabs):</b>	
<b>Transverse Sensitivity:</b>	<3% of axial	<b>Thickness:</b>	1.35mm
<b>Capacitance:</b>	1.8 nF	<b>Diameter:</b>	5.3mm
<b>Resistance:</b>	>100MΩ	<b>Weight:</b>	0.21grams
<b>Isolation Resistance.</b>	>100MΩ		