

	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Sensitivity(± 10 %)	10 pC/g	1.02 pC/(m/s <sup>2</sup> )	
Measurement Range	± 1000 g pk	± 9810 m/s <sup>2</sup> pk	
Frequency Range(± 5 %)	5 kHz	5 kHz	[2]
Resonant Frequency	≥ 24 kHz	≥ 24 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 3 %	≤ 3 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 5000 g pk	± 49,050 m/s <sup>2</sup> pk	
Temperature Range	-65 to +900 °F	-54 to +482 °C	
Temperature Range	-65 to +900 °F	-54 to +482 °C	
Temperature Response	See Graph	See Graph	[1]
Base Strain Sensitivity	0.007 g/με	0.07 (m/s <sup>2</sup> )/με	[1]
Radiation Exposure Limit(Integrated Neutron Flux)	1 E10 N/cm <sup>2</sup>	1 E10 N/cm <sup>2</sup>	
Radiation Exposure Limit(Integrated Gamma Flux)	1 E8 rad	1 E8 rad	
<b>Electrical</b>			
Capacitance	630 pF	630 pF	[1]
Insulation Resistance(900° F [482° C])	>100 kohm	>100 kohm	
Insulation Resistance(at 70° F [21°C])	>10 <sup>8</sup> Ohm	>10 <sup>8</sup> Ohm	
<b>Physical</b>			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Compression	Compression	
Housing Material	Inconel	Inconel	
Sealing	Hermetic	Hermetic	
Size (Hex x Height)	5/8 in x 1.0 in	5/8 in x 25.4 mm	
Weight	1.1 oz	30 gm	[1]
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack	
Electrical Connection Position	Side	Side	

<b>OPTIONAL VERSIONS</b>		
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.		
<b>P</b> - Positive Output Polarity		
Output Polarity	Positive	Positive

**NOTES:**

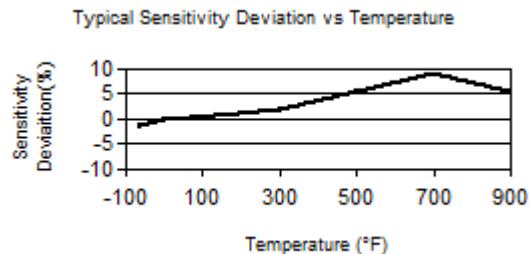
[1] Typical.  
 [2] Low frequency response is determined by external signal conditioning electronics.  
 [3] Zero-based, least-squares, straight line method.  
 [4] See PCB Declaration of Conformance PS081 for details.

**SUPPLIED ACCESSORIES:**

Model 023A10 Hardline cable, 10-ft, 10-32 plug to 10-32 jack (1)  
 Model 081A107 Mounting stud (10-32 to 10-32) (1)  
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)  
 Model M081A107 Metric mounting stud (10-32 to M6 x 0.75) (1)

Entered: LK	Engineer: BAM	Sales: WDC	Approved: BAM	Spec Number:
Date: 8/8/2017	Date: 8/8/2017	Date: 8/8/2017	Date: 8/8/2017	<b>18161</b>

	<b>Phone: 716-684-0001</b> <b>Fax: 716-684-0987</b> <b>E-Mail: info@pcb.com</b>
3425 Walden Avenue, Depew, NY 14043	



*All specifications are at room temperature unless otherwise specified.  
 In the interest of constant product improvement, we reserve the right to change specifications without notice.*

ICP® is a registered trademark of PCB Group, Inc.