

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity(± 30 %)	2.7 pC/g	0.28 pC/(m/s <sup>2</sup> )	
Measurement Range	± 1,000 g pk	± 9,800 m/s <sup>2</sup> pk	
Frequency Range(+ 5 %)	8 kHz	8 kHz	
Frequency Range(+ 10 %)	10 kHz	10 kHz	
Resonant Frequency	≥ 25 kHz	≥ 25 kHz	
Non-Linearity	≤ 2 %	≤ 2 %	[1]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 5,000 g pk	± 49,000 m/s <sup>2</sup> pk	
Temperature Range	-94 to +500 °F	-70 to +260 °C	
Temperature Response	See Graph	See Graph	[2]
<b>Electrical</b>			
Capacitance	260 pF	260 pF	[2]
Insulation Resistance(at 70° F [21° C])	> 10 <sup>12</sup> Ohm	> 10 <sup>12</sup> Ohm	
Insulation Resistance(at 500°F [260°C])	> 10 <sup>8</sup> Ohm	> 10 <sup>8</sup> Ohm	[2]
Output Polarity	Negative	Negative	[3]
<b>Physical</b>			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Length x Height x Width)	0.85 in x 0.4 in x 0.5 in	21.6 mm x 10.2 mm x 12.7 mm	
Weight	0.39 oz	11.0 gm	[2]
Electrical Connector	M3 Coaxial Jack	M3 Coaxial Jack	
Mounting Thread	M3 x 0.50 Male	M3 x 0.50 Male	
Mounting Torque	4.0 to 5.0 in-lb	45 to 55 N-cm	

**OPTIONAL VERSIONS**

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**P** - Positive Output Polarity

**NOTES:**

[1]Zero-based, least-squares, straight line method.  
 [2]Typical.  
 [3]Accel from structure into sensor base.  
 [4]See PCB Declaration of Conformance PS158 for details.

**SUPPLIED ACCESSORIES:**

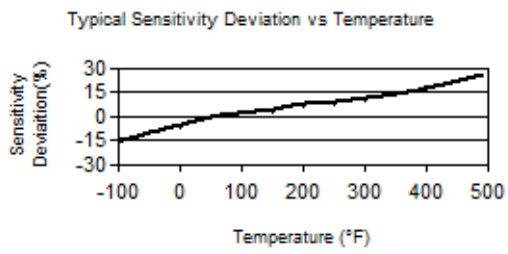
Model 039A25 Removal tool (for M3 connector) (1)  
 Model 080A109 Petro Wax (1)  
 Model 080A147 Adhesive mounting base (for Model 340A50) (1)  
 Model 080A90 Quick Bonding Gel (1)  
 Model 081A95 Mounting screw (2 each), M3 x 14 mm (for Model 340A50) (2)  
 Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1)  
 Model M039A22 Allen wrench for use with M3 thread (1)

Entered: ND	Engineer: TL	Sales: WDC	Approved: JS	Spec Number:
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**PCB PIEZOTRONICS**  
 AN AMPHENOL COMPANY

Phone: 716-684-0001  
 Fax: 716-684-0987  
 E-Mail: info@pcb.com

3425 Walden Avenue, Depew, NY 14043



All specifications are at room temperature unless otherwise specified.  
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