

	ENGLISH	SI	
<b>Performance</b>			
Sensitivity (±15 %)	10 mV/g	1.0 mV/(m/s <sup>2</sup> )	
Measurement Range	±500 g pk	±4900 m/s <sup>2</sup> pk	
Frequency Range (±5 %)	1.0 to 10000 Hz	1.0 to 10000 Hz	
Frequency Range (±10 %)	0.7 to 13000 Hz	0.7 to 13000 Hz	
Frequency Range (±3 dB)	0.3 to 20000 Hz	0.3 to 20000 Hz	
Resonant Frequency	≥50 kHz	≥50 kHz	
Broadband Resolution (1 to 10000 Hz)	0.004 g rms	0.04 m/s <sup>2</sup> rms	[1]
Non-Linearity	≤1 %	≤1 %	[2]
Transverse Sensitivity	≤5 %	≤5 %	
<b>Environmental</b>			
Overload Limit (Shock)	±10000 g pk	±98000 m/s <sup>2</sup> pk	
Temperature Range (Operating)	-65 to +250 °F	-54 to +121 °C	
<b>Electrical</b>			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	≤300 Ohm	≤300 Ohm	
Output Bias Voltage	7 to 11 VDC	7 to 11 VDC	
Discharge Time Constant	1.0 to 3.5 sec	1.0 to 3.5 sec	
Settling Time (within 10% of bias)	<3 sec	<3 sec	
Spectral Noise (1 Hz)	800 µg/√Hz	7840 (µm/sec <sup>2</sup> /√Hz)	[1]
Spectral Noise (10 Hz)	250 µg/√Hz	2450 (µm/sec <sup>2</sup> /√Hz)	[1]
Spectral Noise (100 Hz)	60 µg/√Hz	590 (µm/sec <sup>2</sup> /√Hz)	[1]
Spectral Noise (1 kHz)	50 µg/√Hz	490 (µm/sec <sup>2</sup> /√Hz)	[1]
Spectral Noise (10 kHz)	40 µg/√Hz	392 (µm/sec <sup>2</sup> /√Hz)	[1]
<b>Physical</b>			
Size (Height)	0.14 in	3.6 mm	
Weight	0.02 oz	0.6 gm	[1]
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Epoxy	Epoxy	
Size (Length x Width)	0.45 in x 0.25 in	11.4 mm x 6.4 mm	
Electrical Connector	3-56 Coaxial Jack	3-56 Coaxial Jack	
Electrical Connection Position	Side	Side	
Mounting	Adhesive	Adhesive	

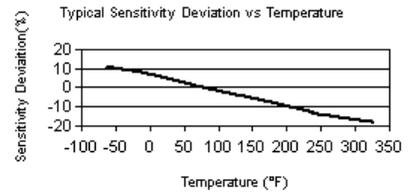
**Optional Versions** (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option may be used.)

**HT** - High temperature, extends normal operation temperatures  
 Temperature Range (Operating) -65 to 325 °F -54 to 163 °C

**Notes**  
 [1] Typical.  
 [2] Zero-based, least-squares, straight line method.  
 [3] See PCB Declaration of Conformance PS023 for details.

**Supplied Accessories**  
 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)  
 039A27 One-piece removal tool for Models 352C22, 357C10, 352A21, & 357A09 (1)  
 080A109 Petro Wax (1)  
 ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)

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3425 Walden Avenue  
 Depew, NY 14043  
 UNITED STATES  
 Phone: 800-828-8840  
 Fax: 716-684-0987  
 E-mail: info@pcb.com  
 Web site: www.pcb.com

*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.

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