
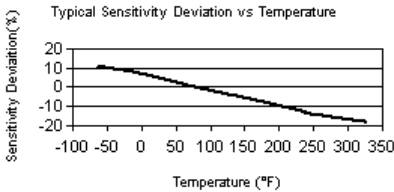



Model Number 352A21	ACCELEROMETER, ICP®		Revision G ECN #: 27636										
Performance Sensitivity (±15 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Frequency Range (±3 dB) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10 mV/g ±500 g pk 1.0 to 10000 Hz 0.7 to 13000 Hz 0.3 to 20000 Hz ≥50 kHz 0.002 g rms ≤1 % ≤5 %	SI 1.0 mV/(m/s ²) ±4900 m/s ² pk 1.0 to 10000 Hz 0.7 to 13000 Hz 0.3 to 20000 Hz ≥50 kHz 0.02 m/s ² rms ≤1 % ≤5 %	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.										
Environmental Overload Limit (Shock) Temperature Range (Operating) Temperature Response	±10000 g pk -65 to +250 °F See Graph	±98000 m/s ² pk -54 to +121 °C See Graph	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)										
Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Settling Time (within 10% of bias) Spectral Noise (1 Hz) Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1 kHz) Spectral Noise (10 kHz)	18 to 30 VDC 2 to 20 mA ≤300 ohm 7 to 11 VDC 1.0 to 3.5 sec <3 sec 800 µg/√Hz 250 µg/√Hz 60 µg/√Hz 20 µg/√Hz 10 µg/√Hz	18 to 30 VDC 2 to 20 mA ≤300 ohm 7 to 11 VDC 1.0 to 3.5 sec <3 sec 7840 (µm/sec ² /√Hz) 2450 (µm/sec ² /√Hz) 590 (µm/sec ² /√Hz) 196 (µm/sec ² /√Hz) 98 (µm/sec ² /√Hz)	 [1] [1] [1] [1] [1]										
Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Height x Length x Width) Weight Electrical Connector Electrical Connection Position Mounting	Ceramic Shear Titanium Epoxy 0.14 in x 0.45 in x 0.25 in 0.02 oz 3-56 Coaxial Jack Side Adhesive	Ceramic Shear Titanium Epoxy 3.6 mm x 11.4 mm x 6.4 mm 0.6 gm 3-56 Coaxial Jack Side Adhesive	 [1]										
 <p data-bbox="121 1425 1073 1518"> 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. </p>			<table border="1" data-bbox="1129 1174 2011 1247"> <tr> <td>Entered: LLH</td> <td>Engineer: BAM</td> <td>Sales: EB</td> <td>Approved: LLH</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 11/06/2007</td> <td>Date: 11/02/2007</td> <td>Date: 11/02/2007</td> <td>Date: 11/07/2007</td> <td>11544</td> </tr> </table>  <p data-bbox="1570 1276 1829 1446"> 3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886 E-mail: vibration@pcb.com Web site: www.pcb.com </p>	Entered: LLH	Engineer: BAM	Sales: EB	Approved: LLH	Spec Number:	Date: 11/06/2007	Date: 11/02/2007	Date: 11/02/2007	Date: 11/07/2007	11544
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