
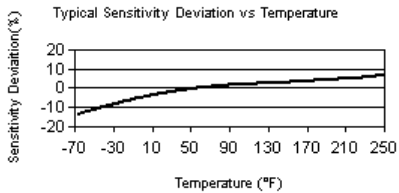



Model Number 352C41	ACCELEROMETER, ICP®		Revision D ECN #: 27365								
Performance Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Frequency Range (±3 dB) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10 mV/g ±500 g pk 1.0 to 9000 Hz 0.5 to 10000 Hz 0.3 to 15000 Hz ≥30 kHz 0.0008 g rms ≤1 % ≤5 %	SI 1.02 mV/(m/s ²) ±4905 m/s ² pk 1.0 to 9000 Hz 0.5 to 10000 Hz 0.3 to 15000 Hz ≥30 kHz 0.008 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 maybe used.) Notes [1] Typical. [2] Zero-based, least-squares, straight line method. [3] Transverse sensitivity is typically ≤ 3%. [4] See PCB Declaration of Conformance PS023 for details.								
Environmental Overload Limit Temperature Range Temperature Response	±5000 g pk -65 to +250 °F See Graph	±49050 m/s ² pk -54 to +121 °C See Graph	[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)	22 to 30 VDC 2 to 20 mA ≤200 ohm 8 to 15 VDC 0.5 to 2.0 sec <10 sec 200 µg/√Hz 60 µg/√Hz 15 µg/√Hz 8 µg/√Hz	22 to 30 VDC 2 to 20 mA ≤200 ohm 8 to 15 VDC 0.5 to 2.0 sec <10 sec 1962 (µm/sec ² /√Hz) 589 (µm/sec ² /√Hz) 147 (µm/sec ² /√Hz) 79 (µm/sec ² /√Hz)	[1] [1] [1] [1]								
Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Hex x Height) Weight Electrical Connector Electrical Connection Position Mounting	Ceramic Shear Titanium Welded Hermetic 0.38 in x 0.38 in 0.10 oz 10-32 Coaxial Jack Top Adhesive	Ceramic Shear Titanium Welded Hermetic 9.7 mm x 9.7 mm 2.8 gm 10-32 Coaxial Jack Top Adhesive	[1]								
	<p style="text-align: center;">Typical Sensitivity Deviation vs Temperature</p> 		<table border="1" data-bbox="1129 1172 2011 1247"> <tr> <td>Entered: BAM</td> <td>Engineer: JJB</td> <td>Sales: BLS</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 09/20/2007</td> <td>Date: 09/20/2007</td> <td>Date: 09/21/2007</td> <td>17366</td> </tr> </table>	Entered: BAM	Engineer: JJB	Sales: BLS	Spec Number:	Date: 09/20/2007	Date: 09/20/2007	Date: 09/21/2007	17366
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Date: 09/20/2007	Date: 09/20/2007	Date: 09/21/2007	17366								
<p>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>			 <p>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>								

