
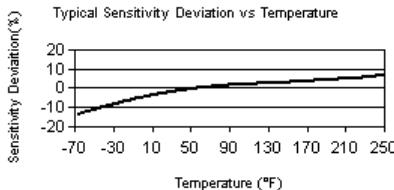


Model Number 352C42	<b>ACCELEROMETER, ICP®</b>		Revision D ECN #: 27365								
<b>Performance</b> Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Frequency Range (±3 dB) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	<b>ENGLISH</b> 100 mV/g ±50 g pk 1.0 to 9000 Hz 0.5 to 10000 Hz 0.3 to 15000 Hz ≥30 kHz 0.0005 g rms ≤1 % ≤5 %	<b>SI</b> 10.2 mV/(m/s <sup>2</sup> ) ±491 m/s <sup>2</sup> pk 1.0 to 9000 Hz 0.5 to 10000 Hz 0.3 to 15000 Hz ≥30 kHz 0.005 m/s <sup>2</sup> rms ≤1 % ≤5 %	<b>Optional Versions</b> (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)  <b>Notes</b> [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.								
<b>Environmental</b> Overload Limit Temperature Range Temperature Response	±5000 g pk -65 to +250 °F See Graph	±49050 m/s <sup>2</sup> pk -54 to +121 °C See Graph	[1] [2] [3]								
<b>Electrical</b> 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 120 µg/√Hz 30 µg/√Hz 20 µg/√Hz 6 µg/√Hz	22 to 30 VDC 2 to 20 mA ≤200 ohm 8 to 15 VDC 0.5 to 2.0 sec <10 sec 1177 (µm/sec <sup>2</sup> /√Hz) 294 (µm/sec <sup>2</sup> /√Hz) 196 (µm/sec <sup>2</sup> /√Hz) 59 (µm/sec <sup>2</sup> /√Hz)	[1] [1] [1] [1]								
<b>Physical</b> 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>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"> <tr> <td data-bbox="1125 1175 1310 1198">Entered: BAM</td> <td data-bbox="1310 1175 1482 1198">Engineer: JJB</td> <td data-bbox="1482 1175 1654 1198">Sales: BLS</td> <td data-bbox="1654 1175 2007 1198">Spec Number:</td> </tr> <tr> <td data-bbox="1125 1198 1310 1247">Date: 09/20/2007</td> <td data-bbox="1310 1198 1482 1247">Date: 09/20/2007</td> <td data-bbox="1482 1198 1654 1247">Date: 09/21/2007</td> <td data-bbox="1654 1198 2007 1247">17367</td> </tr> </table> <p><b>PCB PIEZOTRONICS™</b> VIBRATION DIVISION</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>	Entered: BAM	Engineer: JJB	Sales: BLS	Spec Number:	Date: 09/20/2007	Date: 09/20/2007	Date: 09/21/2007	17367
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