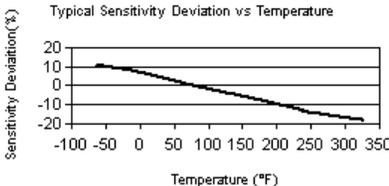


Model Number 356A33	ACCELEROMETER, ICP[®], TRIAXIAL		Revision B ECN #: 32784										
Performance Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) (y or z axis) Frequency Range (±5 %) (x axis) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10 mV/g ±500 g pk 2 to 10000 Hz 2 to 7000 Hz ≥55 kHz 0.004 g rms ≤1 % ≤5 %	SI 1.02 mV/(m/s ²) ±4905 m/s ² pk 2 to 10000 Hz 2 to 7000 Hz ≥55 kHz 0.04 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.) HT - High temperature, extends normal operation temperatures Supplied Accessory: Model 080A Adhesive base, 0.5" hex x 0.187" thk, 10-32 tapped hole, aluminum with insulating hardcoat finish Supplied Accessory: Model 081A27 Mounting screw, BeCu, 5-40 mounting stud (for use with Model 356B11) Supplied Accessory: Model 081A90 Mounting stud, 10-32 to 5-40 Supplied Accessory: Model M081A27 Metric mounting stud, 5-40 to M3 x 0.50" long Notes [1] Typical. [2] 250° F to 325° F data valid with HT option only. [3] Zero-based, least-squares, straight line method. [4] See PCB Declaration of Conformance PS023 for details.										
Environmental Overload Limit (Shock) Temperature Range (Operating)	±10000 g pk -65 to +250 °F	±98100 m/s ² pk -54 to +121 °C	[2][2]										
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)	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 11 VDC 0.3 to 1.0 sec <3 sec 1000 µg/√Hz 300 µg/√Hz 100 µg/√Hz 50 µg/√Hz	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 11 VDC 0.3 to 1.0 sec <3 sec 9810 (µm/sec ² /√Hz) 2943 (µm/sec ² /√Hz) 981 (µm/sec ² /√Hz) 490 (µm/sec ² /√Hz)	[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 Thread Mounting Torque	Ceramic Shear Titanium Hermetic 0.4 in x 0.77 in x 0.4 in 0.19 oz 1/4-28 4-Pin Side 5-40 Female 4 to 5 in-lb	Ceramic Shear Titanium Hermetic 10.2 mm x 19.6 mm x 10.2 mm 5.3 gm 1/4-28 4-Pin Side 5-40 Female 45 to 56 N-cm	[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>	<p style="text-align: center;">Typical Sensitivity Deviation vs Temperature</p> 		<table border="1" data-bbox="1123 1144 2005 1226"> <tr> <td>Entered: LLH</td> <td>Engineer: AJA</td> <td>Sales: WDC</td> <td>Approved: LLH</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 04/21/2010</td> <td>Date: 04/20/2010</td> <td>Date: 04/20/2010</td> <td>Date: 04/22/2010</td> <td>20697</td> </tr> </table> <p>PCB PIEZOTRONICS VIBRATION DIVISION</p> <p>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</p>	Entered: LLH	Engineer: AJA	Sales: WDC	Approved: LLH	Spec Number:	Date: 04/21/2010	Date: 04/20/2010	Date: 04/20/2010	Date: 04/22/2010	20697
Entered: LLH	Engineer: AJA	Sales: WDC	Approved: LLH	Spec Number:									
Date: 04/21/2010	Date: 04/20/2010	Date: 04/20/2010	Date: 04/22/2010	20697									

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