
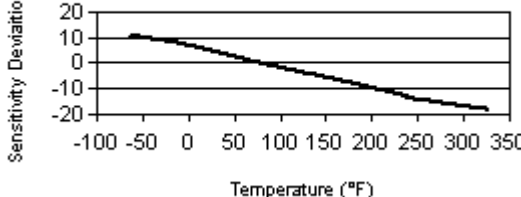



Model Number 356A33	TRIAXIAL ICP® ACCELEROMETER		Revision: C ECN #: 42197										
Performance Sensitivity(± 10 %) Measurement Range Frequency Range(± 5 %)(y or z axis) Frequency Range(± 5 %)(x axis) Resonant Frequency Broadband Resolution(1 to 10,000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10 mV/g ± 500 g pk 2 to 10,000 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 10,000 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 the standard model except where noted below. More than one option may be used. HT - High temperature, extends normal operation temperatures Supplied Accessory : Model 080A Adhesive Mounting Base Supplied Accessory : Model 081A27 Mounting Stud (5-40 to 5-40) (1) 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 (1)										
Environmental Overload Limit(Shock) Temperature Range(Operating) Temperature Response	± 10,000 g pk -65 to +250 °F See Graph	± 98,100 m/s ² pk -54 to +121 °C See Graph	[1] [3] [2] [1][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 12 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 12 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	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.										
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	SUPPLIED ACCESSORIES: Model 080A Adhesive Mounting Base Model 080A109 Petro Wax (1) Model 081A27 Mounting Stud (5-40 to 5-40) (1) Model 081A90 Mounting stud, 10-32 to 5-40 (1) Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1) Model M081A27 Metric mounting stud, 5-40 to M3 x 0.50 long (1)										
 [4]	<p style="text-align: center;">Typical Sensitivity Deviation vs Temperature</p> 		<table border="1"> <tr> <td>Entered: AP</td> <td>Engineer: JJB</td> <td>Sales: WDC</td> <td>Approved: JJB</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 11/8/2013</td> <td>Date: 11/8/2013</td> <td>Date: 11/8/2013</td> <td>Date: 11/8/2013</td> <td style="text-align: center;">20697</td> </tr> </table>	Entered: AP	Engineer: JJB	Sales: WDC	Approved: JJB	Spec Number:	Date: 11/8/2013	Date: 11/8/2013	Date: 11/8/2013	Date: 11/8/2013	20697
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Date: 11/8/2013	Date: 11/8/2013	Date: 11/8/2013	Date: 11/8/2013	20697									
<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> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1115 1304 1577 1385">  3425 Walden Avenue, Depew, NY 14043 </div> <div data-bbox="1650 1304 1892 1385"> Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com </div> </div>													

