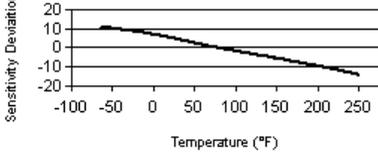


Model Number 356A03	TRIAxIAL ICP® ACCELEROMETER		Revision E ECN #: 40106										
Performance Sensitivity (±20 %) Measurement Range Frequency Range (±5 %) (y or z axis) Frequency Range (±5 %) (x axis) Frequency Range (+1 dB) (x axis) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 10 mV/g ±500 g pk 2 to 8000 Hz 2 to 5000 Hz ≥8 kHz ≥50 kHz 0.003 g rms ≤1 % ≤5 %	SI 1.02 mV/(m/s ²) ±4905 m/s ² pk 2 to 8000 Hz 2 to 5000 Hz ≥8 kHz ≥50 kHz 0.03 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] See PCB Declaration of Conformance PS023 for details.										
Environmental Overload Limit (Shock) Temperature Range (Operating)	±5000 g pk -65 to +250 °F	±49050 m/s ² pk -54 to +121 °C	Supplied Accessories 034G05 4-cond. shielded cable, 5 ft (1.5M), 4-pin plug to (3) BNC plugs (1) 080A109 Petro Wax (1) 080A90 Quick Bonding Gel (1) ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (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)	21 to 30 VDC 2 to 20 mA ≤100 Ohm 9 to 15 VDC 0.24 to 1.0 sec <3 sec 1200 µg/√Hz 300 µg/√Hz 100 µg/√Hz 30 µg/√Hz	21 to 30 VDC 2 to 20 mA ≤100 Ohm 9 to 15 VDC 0.24 to 1.0 sec <3 sec 11772 (µm/sec ² /√Hz) 2943 (µm/sec ² /√Hz) 981 (µm/sec ² /√Hz) 294 (µm/sec ² /√Hz)	[1] [2] [1] [1] [1] [1]										
Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Height x Length x Width) Weight (without cable) Electrical Connector Electrical Connection Position Cable Termination Cable Length Cable Type Mounting	Ceramic Shear Titanium Hermetic 0.25 in x 0.25 in x 0.25 in 0.04 oz Integral Cable Side 1/4-28 4-Pin Jack 5 ft 034 4-cond Shielded Adhesive	Ceramic Shear Titanium Hermetic 6.35 mm x 6.35 mm x 6.35 mm 1.0 gm Integral Cable Side 1/4-28 4-Pin Jack 1.5 m 034 4-cond Shielded Adhesive	[1]										
	<p data-bbox="661 1226 997 1242">Typical Sensitivity Deviation vs Temperature</p> 		<table border="1" data-bbox="1129 1177 2011 1250"> <tr> <td>Entered: AP</td> <td>Engineer: RPF</td> <td>Sales: WDC</td> <td>Approved: BAM</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 10/05/2012</td> <td>Date: 10/05/2012</td> <td>Date: 10/05/2012</td> <td>Date: 10/05/2012</td> <td>46486</td> </tr> </table> <p data-bbox="1144 1274 1522 1339">PCB PIEZOTRONICS™ VIBRATION DIVISION</p> <p data-bbox="1564 1274 1795 1445">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: AP	Engineer: RPF	Sales: WDC	Approved: BAM	Spec Number:	Date: 10/05/2012	Date: 10/05/2012	Date: 10/05/2012	Date: 10/05/2012	46486
Entered: AP	Engineer: RPF	Sales: WDC	Approved: BAM	Spec Number:									
Date: 10/05/2012	Date: 10/05/2012	Date: 10/05/2012	Date: 10/05/2012	46486									

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.