



Model Number 3713B11200G	<b>TRIAxIAL DC RESPONSE ACCELEROMETER</b>			Revision: B ECN #: 39611										
<b>Performance</b> Sensitivity(± 10 %) Measurement Range Frequency Range(± 5 %) Frequency Range(± 10 %) Resonant Frequency Phase Response(100 Hz) Broadband Resolution(0.5 to 100 Hz) Non-Linearity Transverse Sensitivity	<b>ENGLISH</b> 10 mV/g ± 200 g pk 0 to 850 Hz 0 to 1250 Hz ≥ 11 kHz <10 ° 21.1 mg rms ≤ 1 % ≤ 3 %	<b>SI</b> 1.0 mV/(m/s <sup>2</sup> ) ± 1962.0 m/s <sup>2</sup> pk 0 to 850 Hz 0 to 1250 Hz ≥ 11 kHz <10 ° .21 m/s <sup>2</sup> rms ≤ 1 % ≤ 3 %	[5]      [2] [6]	<b>OPTIONAL VERSIONS</b> Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.										
<b>Environmental</b> Overload Limit(Shock) Temperature Range(Operating) Temperature Range(Storage) Temperature Coefficient of Sensitivity Zero g Offset Temperature Coefficient Base Strain Sensitivity Magnetic Sensitivity	± 3000 g pk -65 to +250 °F -65 to +250 °F ± 3 % ± 2 %FSO .0005 g/με 70 μg/gauss	± 29,420 m/s <sup>2</sup> pk -54.0 to +121 °C -54.0 to +121 °C ± 3 % ± 2 %FSO .005 (m/s <sup>2</sup> )/με 6.9 (m/s <sup>2</sup> )/Tesla	[3] [3][4] [2] [2]	<b>NOTES:</b> [1] Offset tolerance is based on 10 ft of 037 test cable. [2] Typical. [3] -65 to +250 °F, ref. 75 °F (-54 to +121 °C, ref. 24 °C) [4] FSO = Full Scale Output over the Measurement Range (4VDC). [5] Measured at 100 Hz, 10 grms. [6] Zero-based, least-squares, straight line method. [7] See PCB Declaration of Conformance PS027 for details.										
<b>Electrical</b> Excitation Voltage Current Consumption Output Impedance Offset Voltage(0 g) Spectral Noise(1 to 1000 Hz) Electrical Isolation(Case)	6 to 30 VDC ≤ 6 mA ≤ 100 Ohm ± 40 mVDC 2518 μg/√Hz >10 <sup>8</sup> Ohm	6 to 30 VDC ≤ 6 mA ≤ 100 Ohm ± 40 mVDC 24,693 (μm/sec <sup>2</sup> )/√Hz >10 <sup>8</sup> Ohm	[1] [2]	<b>SUPPLIED ACCESSORIES:</b> Model 080A12 Adhesive Mounting Base (1) Model 081B05 Mounting Stud (10-32 to 10-32) (1) Model ACS-103T Triaxial Calibration Phase and Magnitude from 2 Hz to +5% using Linear scale (1) Model M081B05 Mounting Stud 10-32 to M6 X 0.75 (1)										
<b>Physical</b> Housing Material Sealing Size (Length x Width x Height) Weight Electrical Connector Electrical Connection Position Mounting Thread	Titanium Hermetic 0.8 in x 0.8 in x 0.8 in 0.6 oz 9-Pin Side 10-32 Female	Titanium Hermetic 20.3 mm x 20.3 mm x 20.3 mm 17.3 gm 9-Pin Side 10-32 Female		<table border="1"> <tr> <td data-bbox="1108 1032 1272 1081">Entered: AP</td> <td data-bbox="1272 1032 1430 1081">Engineer: RPF</td> <td data-bbox="1430 1032 1587 1081">Sales: RWM</td> <td data-bbox="1587 1032 1755 1081">Approved: BAM</td> <td data-bbox="1755 1032 1915 1081">Spec Number:</td> </tr> <tr> <td data-bbox="1108 1081 1272 1122">Date: 7/31/2012</td> <td data-bbox="1272 1081 1430 1122">Date: 7/31/2012</td> <td data-bbox="1430 1081 1587 1122">Date: 7/31/2012</td> <td data-bbox="1587 1081 1755 1122">Date: 7/31/2012</td> <td data-bbox="1755 1081 1915 1122" style="text-align: center;"><b>45427</b></td> </tr> </table>	Entered: AP	Engineer: RPF	Sales: RWM	Approved: BAM	Spec Number:	Date: 7/31/2012	Date: 7/31/2012	Date: 7/31/2012	Date: 7/31/2012	<b>45427</b>
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 [7] 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.	 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com													