


Model Number <b>340A50</b>	<b>TRIAxIAL CHARGE OUTPUT ACCELEROMETER</b>		Revision: J ECN #: 40410											
<b>Performance</b> Sensitivity(± 30 %) Measurement Range Frequency Range(+5 %) Frequency Range(+10 %) Resonant Frequency Non-Linearity Transverse Sensitivity	<b>ENGLISH</b> 2.7 pC/g ± 1000 g pk 8 kHz 10 kHz ≥ 25 kHz ≤ 2 % ≤ 5 %	<b>SI</b> 0.28 pC/(m/s <sup>2</sup> ) ± 9800 m/s <sup>2</sup> pk 8 kHz 10 kHz ≥ 25 kHz ≤ 2 % ≤ 5 %	<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>P</b> - Positive Output Polarity											
<b>Environmental</b> Overload Limit(Shock) Temperature Range	± 5000 g pk -94 to +500 °F	± 49,000 m/s <sup>2</sup> pk -70 to +260 °C	<b>NOTES:</b> [1] Typical. [2] Accel from structure into sensor base. [3] Zero-based, least-squares, straight line method.											
<b>Electrical</b> Capacitance Insulation Resistance(at 70? F [21? C]) Insulation Resistance(at 500?F [260?C]) Output Polarity	240 pF >10 <sup>12</sup> Ohm >10 <sup>8</sup> Ohm Negative	240 pF >10 <sup>12</sup> Ohm >10 <sup>8</sup> Ohm Negative	<b>SUPPLIED ACCESSORIES:</b> Model 039A25 Removal tool (for M3 connector) (1) Model 080A109 Petro Wax (1) Model 080A147 Adhesive mounting base (for Model 340A50) (1) Model 080A90 Quick Bonding Gel (1) Model 081A95 Mounting screw (2 each), M3 x 14 mm (for Model 340A50) (2) Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1) Model M039A22 Allen wrench for use with M3 thread (1)											
<b>Physical</b> Sensing Element Sensing Geometry Housing Material Sealing Size (Length x Width x Height) Weight Electrical Connector Mounting Thread Mounting Torque	Ceramic Shear Titanium Hermetic 0.85 in x 0.5 in x 0.4 in 0.39 oz M3 Coaxial Jack M3 x 0.50 Male 4.0 to 5.0 in-lb	Ceramic Shear Titanium Hermetic 21.6 mm x 12.7 mm x 10.2 mm 11.0 gm M3 Coaxial Jack M3 x 0.50 Male 45 to 55 N-cm	<table border="1"> <tr> <td data-bbox="1115 659 1276 708">Entered: AP</td> <td data-bbox="1276 659 1438 708">Engineer: MAM</td> <td data-bbox="1438 659 1600 708">Sales: WDC</td> <td data-bbox="1600 659 1764 708">Approved: BAM</td> <td data-bbox="1764 659 1927 708">Spec Number:</td> </tr> <tr> <td data-bbox="1115 708 1276 740">Date: 1/29/2013</td> <td data-bbox="1276 708 1438 740">Date: 1/29/2013</td> <td data-bbox="1438 708 1600 740">Date: 1/29/2013</td> <td data-bbox="1600 708 1764 740">Date: 1/29/2013</td> <td data-bbox="1764 708 1927 740" style="text-align: center;"><b>12954</b></td> </tr> </table>		Entered: AP	Engineer: MAM	Sales: WDC	Approved: BAM	Spec Number:	Date: 1/29/2013	Date: 1/29/2013	Date: 1/29/2013	Date: 1/29/2013	<b>12954</b>
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<i>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.</i> ICP® is a registered trademark of PCB Group, Inc.			<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <b>Phone: 716-684-0001</b>  <b>Fax: 716-684-0987</b>  <b>E-Mail: info@pcb.com</b> </div> </div> <p style="font-size: small; margin-top: 5px;">3425 Walden Avenue, Depew, NY 14043</p>											