


| | | | | | | | | | | | | | | |
|---|--|---|--|--------------|-------------|---------------|------------|---------------|--------------|-----------------|-----------------|-----------------|-----------------|--------------|
| Model Number 356A70 | TRIAxIAL CHARGE OUTPUT ACCELEROMETER | | Revision: H ECN #: 40410 | | | | | | | | | | | |
| Performance Sensitivity(± 30 %) Measurement Range Frequency Range(+5 %) Frequency Range(+10 %) Resonant Frequency Non-Linearity Transverse Sensitivity Environmental Overload Limit(Shock) Temperature Range Electrical Capacitance Insulation Resistance(at 70° F [21° C]) Insulation Resistance(at 490° F [254° C]) Output Polarity Physical Sensing Element Sensing Geometry Housing Material Sealing Size (Length x Width x Height) Weight Electrical Connector Mounting Mounting Torque | <u>ENGLISH</u> 2.7 pC/g ± 500 g pk 5 kHz 7 kHz ≥ 35 kHz ≤ 1 % ≤ 5 % ± 5000 g pk -95 to +490 °F 240 pF >10 ¹² Ohm >10 ⁸ Ohm Negative Ceramic Shear Titanium Hermetic 0.73 in x 0.90 in x 0.40 in 0.28 oz 5-44 Coaxial Through Hole 10 to 20 in-lb | <u>SI</u> 0.28 pC/(m/s ²) ± 4905 m/s ² pk 5 kHz 7 kHz ≥ 35 kHz ≤ 1 % ≤ 5 % ± 49,000 m/s ² pk -70 to +254 °C 240 pF >10 ¹² Ohm >10 ⁸ Ohm Negative Ceramic Shear Titanium Hermetic 18.5 mm x 22.9 mm x 10.2 mm 7.9 gm 5-44 Coaxial Through Hole 113 to 225 N-cm | 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. M - Metric Mount Supplied Accessory : Model M039A23 Allen wrench, 4mm hex (1) Supplied Accessory : Model M081A46 Mounting stud, M5 X 0.80 X 14mm (1) P - Positive Output Polarity NOTES: [1] Typical. [2] Low frequency response is determined by external signal conditioning electronics. [3] Zero-based, least-squares, straight line method. SUPPLIED ACCESSORIES: Model 039A23 Allen wrench, 5/32" hex (1) Model 080A90 Quick Bonding Gel (1) Model 081A46 Mounting stud, 10-32 UNF, 0.56" long (1) Model ACS-1T NIST traceable triaxial amplitude response, 10 Hz to upper 5% frequency. (1) | | | | | | | | | | | |
| 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. | | <table border="1" style="width: 100%;"> <tr> <td>Entered: AP</td> <td>Engineer: MAM</td> <td>Sales: WDC</td> <td>Approved: BAM</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 1/29/2013</td> <td>Date: 1/29/2013</td> <td>Date: 1/29/2013</td> <td>Date: 1/29/2013</td> <td style="text-align: center;">11999</td> </tr> </table> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1123 803 1575 876">  <p>3425 Walden Avenue, Depew, NY 14043</p> </div> <div data-bbox="1648 803 1900 876"> <p>Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com</p> </div> </div> | | | 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 | 11999 |
| 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 | 11999 | | | | | | | | | | |