


Model Number 357D90	CHARGE OUTPUT ACCELEROMETER		Revision A ECN #: 40470										
Performance Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) Frequency Range (±1 dB) Resonant Frequency Non-Linearity (per full scale range) Transverse Sensitivity	ENGLISH 5 pC/g ±1000 g pk 2.5 kHz 4 kHz ≥14 kHz ≤2.5 % ≤5 %	SI .51 pC/(m/s ²) ±9800 m/s ² pk 2.5 kHz 4 kHz ≥14 kHz ≤2.5 % ≤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] Additional cable length will add approx. 100pF/ft. Supplied Accessories 081C108 Mounting Screw, 1/4-28x1, Inconel (1) ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)										
Environmental Overload Limit (Shock) Temperature Range (Operating) Temperature Range (Survivable Limit) Temperature Range (Cable Termination) Temperature Response	±2000 g pk -67 to 1200 °F -67 to 1400 °F -67 to 900 °F ±15 %	±19600 m/s ² pk -55 to 649 °C -55 to 760 °C -55 to 482 °C ±15 %											
Electrical Capacitance Insulation Resistance (@ 1200°F[649°C]) Insulation Resistance (@ 70° F [21°C]) Output Polarity Electrical Isolation	990 pF ≥10 kohm ≥100 MOhm Negative Signal isolated from case	990 pF ≥10 kohm ≥100 MOhm Negative Signal isolated from case											
Physical Sensing Geometry Housing Material Sealing (Sensor Housing) Sealing (Connector) Size (Height x Length x Width) Weight (without cable) Electrical Connector Cable Length Cable Type Cable Termination Mounting	Shear Inconel Hermetic Welded Hermetic .66 in x 1.26 in x .66 in 1.8 oz Integral Hardline Cable 10 ft MI Hardline Cable 10-32 Coaxial Jack Through Hole	Shear Inconel Hermetic Welded Hermetic 16.7 mm x 32.0 mm x 16.7 mm 50 gm Integral Hardline Cable 3.05 m MI Hardline Cable 10-32 Coaxial Jack Through Hole											
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>			<table border="1" data-bbox="1125 1175 2011 1248"> <tr> <td>Entered: AP</td> <td>Engineer: GJR</td> <td>Sales: RWM</td> <td>Approved: BAM</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 12/13/2012</td> <td>Date: 12/13/2012</td> <td>Date: 12/13/2012</td> <td>Date: 12/13/2012</td> <td>50847</td> </tr> </table> <div data-bbox="1136 1273 1524 1344">  </div> <div data-bbox="1566 1273 1801 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 </div>	Entered: AP	Engineer: GJR	Sales: RWM	Approved: BAM	Spec Number:	Date: 12/13/2012	Date: 12/13/2012	Date: 12/13/2012	Date: 12/13/2012	50847
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