




Model Number 086E80	ICP® IMPACT HAMMER			Revision B ECN #: 32387										
Performance Sensitivity (±20 %) Measurement Range Resonant Frequency Non-Linearity	ENGLISH 100 mV/lbf 50 lbf pk ≥100 kHz ≤1 %	SI 22.5 mV/N 222 N pk ≥100 kHz ≤1 %	[2] [1]	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] Steel tip with no extender mass. [3] With plastic handle attached. [4] With aluminum handle attached.										
Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant	20 to 30 VDC 2 to 20 mA <100 ohm 8 to 14 VDC ≥100 sec	20 to 30 VDC 2 to 20 mA <100 ohm 8 to 14 VDC ≥100 sec	[1]		Supplied Accessories 001A20 Case (1) 018G10 Miniature coaxial cable, vinyl insulation jacket, 10-ft, 5-44 to 10-32 coaxial plug (1) 080A109 Petro Wax (1) 084A13 Extender mass (1) 084A14 Plastic handle assembly (2) 084A17 Aluminum handle with 5-44 connector (1) 084A28 Vinyl impact cap, red (3) HCS-2 Calibration of Series 086 instrumented impact hammers (1)									
Physical Sensing Element Sealing Hammer Mass Head Diameter Tip Diameter Hammer Length Electrical Connection Position Extender Mass Weight Electrical Connector	Quartz Epoxy 0.17 oz 0.25 in 0.10 in 4.2 in Side 0.044 oz 5-44 Coaxial	Quartz Epoxy 4.8 gm 6.3 mm 2.5 mm 107 mm Side 1.25 gm 5-44 Coaxial	[3] [3] [4]											
<p data-bbox="121 812 777 836"><i>All specifications are at room temperature unless otherwise specified.</i></p> <p data-bbox="121 836 1071 885">In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p data-bbox="121 885 598 909">ICP® is a registered trademark of PCB group, Inc.</p>														
<table border="1"> <tr> <td>Entered: LLH</td> <td>Engineer: DJS</td> <td>Sales: JJM</td> <td>Approved: EB</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 02/24/2010</td> <td>Date: 12/08/2009</td> <td>Date: 02/17/2010</td> <td>Date: 02/17/2010</td> <td>38869</td> </tr> </table>					Entered: LLH	Engineer: DJS	Sales: JJM	Approved: EB	Spec Number:	Date: 02/24/2010	Date: 12/08/2009	Date: 02/17/2010	Date: 02/17/2010	38869
Entered: LLH	Engineer: DJS	Sales: JJM	Approved: EB	Spec Number:										
Date: 02/24/2010	Date: 12/08/2009	Date: 02/17/2010	Date: 02/17/2010	38869										
<table> <tr> <td data-bbox="1134 1242 1533 1323" rowspan="2">  </td> <td data-bbox="1564 1242 2016 1421"> 3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886 E-mail: vibration@pcb.com Web site: www.pcb.com </td> </tr> <tr> <td></td> </tr> </table>						3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886 E-mail: vibration@pcb.com Web site: www.pcb.com								
	3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886 E-mail: vibration@pcb.com Web site: www.pcb.com													