

Model Number 086C03	ICP® IMPACT HAMMER				Revision: L ECN #: 32387										
Performance Sensitivity(± 15 %) Measurement Range Resonant Frequency Non-Linearity Electrical Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Physical Sensing Element Sealing Hammer Mass Head Diameter Tip Diameter Hammer Length Electrical Connection Position Extender Mass Weight Electrical Connector		ENGLISH 10 mV/lbf ± 500 lbf pk ≥ 22 kHz ≤ 1 % 20 to 30 VDC 2 to 20 mA <100 ohm 8 to 14 VDC ≥ 2000 sec Quartz Epoxy 0.34 lb 0.62 in 0.25 in 8.5 in Bottom of Handle 2.6 oz BNC Jack		SI 2.25 mV/N ± 2224 N pk ≥ 22 kHz ≤ 1 % 20 to 30 VDC 2 to 20 mA <100 ohm 8 to 14 VDC ≥ 2000 sec Quartz Epoxy 0.16 kg 1.57 cm 0.63 cm 21.6 cm Bottom of Handle 75 gm BNC Jack											
		[1]													
		[1]													
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. T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4 TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4															
NOTES: [1] Typical. [2] See PCB Declaration of Conformance PS068 for details.															
SUPPLIED ACCESSORIES: Model 081B05 Mounting Stud (10-32 to 10-32) (2) Model 084A08 Extender - Steel, 0.6" Diameter (1) Model 084B03 Hard Tip- Hard (S.S) (1) Model 084B04 Hammer Tip- Medium (White Plastic) (1) Model 084C05 Hammer Tip- Soft (Black) (2) Model 084C11 Hammer Tip- Supersoft (Red) (2) Model 085A10 Vinyl Cover For Medium Tip (Blue) (2) Model HCS-2 Calibration of Series 086 instrumented impact hammers (1)															
<table border="1"> <tr> <td>Entered: <i>JA</i></td> <td>Engineer: <i>Sgs</i></td> <td>Sales: <i>gpm</i></td> <td>Approved: <i>EB</i></td> <td>Spec Number:</td> </tr> <tr> <td>Date: <i>2/24/10</i></td> <td>Date: <i>12/8/09</i></td> <td>Date: <i>2/17/10</i></td> <td>Date: <i>2/17/10</i></td> <td>15273</td> </tr> </table>						Entered: <i>JA</i>	Engineer: <i>Sgs</i>	Sales: <i>gpm</i>	Approved: <i>EB</i>	Spec Number:	Date: <i>2/24/10</i>	Date: <i>12/8/09</i>	Date: <i>2/17/10</i>	Date: <i>2/17/10</i>	15273
Entered: <i>JA</i>	Engineer: <i>Sgs</i>	Sales: <i>gpm</i>	Approved: <i>EB</i>	Spec Number:											
Date: <i>2/24/10</i>	Date: <i>12/8/09</i>	Date: <i>2/17/10</i>	Date: <i>2/17/10</i>	15273											
 [2] 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.  PCB PIEZOTRONICS™ VIBRATION DIVISION 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-685-3886 E-Mail: vibration@pcb.com															