



Model Number <b>086C01</b>	<b>ICP® IMPACT HAMMER</b>			Revision: K ECN #: 32387	
<b>Performance</b> Sensitivity(± 15 %) Measurement Range Resonant Frequency Non-Linearity <b>Electrical</b> Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant <b>Physical</b> Sensing Element Sealing Hammer Mass Head Diameter Tip Diameter Hammer Length Electrical Connection Position Extender Mass Weight Electrical Connector		<b>ENGLISH</b> 50 mV/lbf ± 100 lbf pk ≥ 15 kHz ≤ 1 % 20 to 30 VDC 2 to 20 mA <100 ohm 8 to 14 VDC ≥ 500 sec Quartz Epoxy 0.23 lb 0.62 in 0.25 in 8.5 in Bottom of Handle 0.9 oz BNC Jack		<b>SI</b> 11.2 mV/N ± 444 N pk ≥ 15 kHz ≤ 1 % 20 to 30 VDC 2 to 20 mA <100 ohm 8 to 14 VDC ≥ 500 sec Quartz Epoxy 0.10 kg 1.57 cm 0.63 cm 21.6 cm Bottom of Handle 25 gm BNC Jack	
		<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.  T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4			
		<b>NOTES:</b> [1] Typical. [2] See PCB Declaration of Conformance PS068 for details.			
		<b>SUPPLIED ACCESSORIES:</b> Model 081B05 Mounting Stud (10-32 to 10-32) (2) Model 084A06 Extender - aluminum, 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)			
		Entered: <i>JE</i> Engineer: <i>SP</i> Sales: <i>JJM</i> Approved: <i>EB</i> Spec Number:			
		Date: <i>2/24/10</i> Date: <i>2/8/09</i> Date: <i>2/17/10</i> Date: <i>2/17/10</i> <b>9120</b>			
 [2]				Phone: 716-684-0001 Fax: 716-685-3886 E-Mail: vibration@pcb.com	
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.		3425 Walden Avenue, Depew, NY 14043			