

Model Number 086C01		ICP® IMPACT HAMMER			Revision: L ECN #: 48526											
Performance		ENGLISH	SI	OPTIONAL VERSIONS												
Sensitivity(± 15 %)		50 mV/lbf	11.2 mV/N	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.												
Measurement Range		± 100 lbf pk	± 444 N pk	TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4												
Resonant Frequency		≥ 15 kHz	≥ 15 kHz	NOTES: [1] Typical. [2] See PCB Declaration of Conformance PS068 for details.												
Non-Linearity		≤ 1 %	≤ 1 %													
Electrical				SUPPLIED ACCESSORIES:												
Excitation Voltage		20 to 30 VDC	20 to 30 VDC	Model 081B05 Mounting Stud (10-32 to 10-32) (2)												
Constant Current Excitation		2 to 20 mA	2 to 20 mA	Model 084A06 Extender - aluminum, 0.6" diameter (1)												
Output Impedance		<100 Ohm	<100 Ohm	Model 084B03 Hard Tip- Hard (S.S) (1)												
Output Bias Voltage		8 to 14 VDC	8 to 14 VDC	Model 084B04 Hammer Tip- Medium (White Plastic) (1)												
Discharge Time Constant		≥ 500 sec	≥ 500 sec	Model 084C05 Hammer Tip- Soft (Black) (2)												
Physical				Model 084C11 Hammer Tip- Supersoft (Red) (2)												
Sensing Element		Quartz	Quartz	Model 085A10 Vinyl Cover For Medium Tip (Blue) (2)												
Sealing		Epoxy	Epoxy	Model HCS-2 Calibration of Series 086 instrumented impact hammers (1)												
Hammer Mass		0.23 lb	0.10 kg	<table><tr><td>Entered: LK</td><td>Engineer: KW</td><td>Sales: AT</td><td>Approved: BAM</td><td>Spec Number:</td></tr><tr><td>Date: 8/9/2018</td><td>Date: 8/9/2018</td><td>Date: 8/9/2018</td><td>Date: 8/9/2018</td><td>9120</td></tr></table>			Entered: LK	Engineer: KW	Sales: AT	Approved: BAM	Spec Number:	Date: 8/9/2018	Date: 8/9/2018	Date: 8/9/2018	Date: 8/9/2018	9120
Entered: LK	Engineer: KW	Sales: AT	Approved: BAM				Spec Number:									
Date: 8/9/2018	Date: 8/9/2018	Date: 8/9/2018	Date: 8/9/2018				9120									
Head Diameter		0.62 in	1.57 cm													
Tip Diameter		0.25 in	0.63 cm													
Hammer Length		8.5 in	21.6 cm													
Electrical Connection Position		Bottom of Handle	Bottom of Handle	 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com												
Extender Mass Weight		0.9 oz	25 gm													
Electrical Connector		BNC Jack	BNC Jack													
 [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.																