

Model Number 086C04		ICP® IMPACT HAMMER			Revision: L ECN #: 48526											
Performance		ENGLISH	SI	OPTIONAL VERSIONS												
Sensitivity(± 15 %)		5 mV/lbf	1.1 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		± 1000 lbf pk	± 4448 N pk	TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4												
Resonant Frequency		≥ 22 kHz	≥ 22 kHz	NOTES: [1] Typical. [2] See PCB Declaration of Conformance PS068 for details.												
Non-Linearity		≤ 1 %	≤ 1 %													
Electrical				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)												
Excitation Voltage		20 to 30 VDC	20 to 30 VDC													
Constant Current Excitation		2 to 20 mA	2 to 20 mA	[1]												
Output Impedance		<100 Ohm	<100 Ohm													
Output Bias Voltage		8 to 14 VDC	8 to 14 VDC	[1]												
Discharge Time Constant		≥ 2000 sec	≥ 2000 sec													
Physical																
Sensing Element		Quartz	Quartz													
Sealing		Epoxy	Epoxy													
Hammer Mass		0.34 lb	0.16 kg													
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													
Extender Mass Weight		2.6 oz	75 gm													
Electrical Connector		BNC Jack	BNC Jack													
				<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>15274</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	15274
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<i>All specifications are at room temperature unless otherwise specified.</i> <i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i> ICP® is a registered trademark of PCB Group, Inc.																
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