


Model Number <b>086C42</b>	<b>ICP® IMPACT HAMMER</b>		Revision C ECN #: 32387						
<b>Performance</b> Sensitivity ( $\pm 15\%$ ) 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 Electrical Connector	<b>ENGLISH</b> 1 mV/lbf $\pm 5000$ lbf pk $\geq 5$ kHz $\leq 1\%$  20 to 30 VDC 2 to 20 mA <100 Ohm 8 to 14 VDC $\geq 2000$ sec  Quartz Hermetic 12.1 lb 3.0 in 3.0 in 35 in Bottom of Handle BNC Jack	<b>SI</b> 0.23 mV/N $\pm 22240$ N pk $\geq 5$ kHz $\leq 1\%$  20 to 30 VDC 2 to 20 mA <100 Ohm 8 to 14 VDC $\geq 2000$ sec  Quartz Hermetic 5.5 Kg 7.6 cm 7.6 cm 89 cm Bottom of Handle BNC Jack	<b>Optional Versions</b> (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)  <b>Notes</b> [1] Typical.  <b>Supplied Accessories</b> [1] 084A31 Tip - soft plastic, brown (1) [1] 084A32 Tip - hard plastic, red (1) HCS-2 Calibration of Series 086 instrumented impact hammers (1)						
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>									
Entered: LLH Date: 02/24/2010		Engineer: DJS Date: 12/08/2009		Sales: JJM Date: 02/17/2010		Approved: LLH Date: 02/25/2010		Spec Number: <b>2614</b>	
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