

Model Number
086C20

IMPULSE HAMMER

Revision: B
ECN #: 11362

DYNAMIC PERFORMANCE

Voltage Sensitivity	mV/lbf [mV/N]	1.0 [0,23]	(±15%)
Measurement Range (for ±5V output)	±lbf pk [±N pk]	5,000 [22 000]	
Frequency Range (-10 dB)	kHz	1.0	[2]
Amplitude Linearity	%	<±1	
Mounted Resonant Frequency	kHz	≥12	

ELECTRICAL

Excitation Voltage/Constant Current	VDC/mA	18 to 30/2 to 20	
Output Impedance	ohms	100	[1]
Output Bias	VDC	8-12	
Discharge Time Constant	sec	2,000	[1]

MECHANICAL

Hammer Mass	lb [kg]	2.4 [1,1]	
Head Diameter	in [cm]	2.0 [5,1]	
Tip Diameter	in [cm]	2.0 [5,1]	
Hammer Length	in [cm]	14.5 [36,8]	
Electrical Connector	type/location	BNC/Bottom of Handle	

NOTES:

- [1] Typical.
- [2] Varies depending on test structure and tip.

SUPPLIED ACCESSORIES:

- Model 084A60 Supersoft Tip (1)
- Model 084A61 Soft Tip (1)
- Model 084A62 Medium Tip (1)
- Model 084A63 Hard Tip (1)
- Case
- NIST Traceable Calibration Certificate

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.

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