

Model Number
086C01

IMPULSE HAMMER

Revision: C
ECN #: 13691

DYNAMIC PERFORMANCE

Voltage Sensitivity	mV/lbf [mV/N]	50 [12]	(±15%)
Measurement Range (for ±5V output)	±lbf pk [±N pk]	100 [445]	
Frequency Range (-10 dB)	kHz	9.5	[2]
Amplitude Linearity	%	<±1	
Mounted Resonant Frequency	kHz	≥35	

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	500	[1]

MECHANICAL

Hammer Mass	lb [kg]	0.23 [0,10]	
Head Diameter	in [cm]	0.62 [1,57]	
Tip Diameter	in [cm]	0.25 [0,63]	
Hammer Length	in [cm]	8.5 [21,6]	
Electrical Connector	type/location	BNC/Bottom of Handle	

OPTIONAL VERSIONS

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 Preliminary IEEE P1451.4

NOTES:

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

SUPPLIED ACCESSORIES:

- Model 084B11 Supersoft Tip (1)
- Model 084B05 Soft Tip (1)
- Model 084B04 Medium Tip (1)
- Model 084B03 Hard Tip (1)
- Model 085A10 Tip Cover (4)
- Model 085A07 Tip Insert (4)
- Model 085A08 Tip Insert (4)
- Model 084A06 Extender, Aluminum (1)
- Model 081B05 Mounting Stud (2)
- 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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