



MODEL NO.	SENSITIVITY
5850B	1, 10, 100 mV/LbF

1. WEIGHT - 256 GRAMS

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX = ± .XX = ±

SURFACE FINISH
EXCEPT AS NOTED ✓

BREAK EDGES TO DEBURR
RADIUS OR CHAMFER

THESE DIAS ⊙ TO T.I.R.

FILLETS - MAX RAD.

		CHATSWORTH, CA.			
DATE		11/1/95		PART NO.	
DRAWN		D.Z.		CHECKED	
		N.C.		MAT'L	
APPROVED		NEXT ASSEMBLY		USED ON	
TITLE				DWG NO.	
OUTLINE/INSTALLATION DRAWING, IMPULSE HAMMER 5850B				127-5850B	
				SHEET 1 OF 1	

**SPECIFICATIONS, MODEL 5850B
THREE-RANGE IMPULSE HAMMER**

SPECIFICATION	VALUE			UNITS
SWITCH POSITION	100	10	1	
RANGE (for +5V out)	50	500	5000	Lbs F
SENSITIVITY	100	10	1	mV/Lb
MAXIMUM INPUT FORCE	1000	6000	8000	Lbs F
DISCHARGE TIME CONSTANT	15	150	1500	Sec

COMMON SPECIFICATIONS, ALL RANGES

STIFFNESS, SENSOR	11.4	Lbs F/ μ in.
RESONANT FREQUENCY	75	kHz
LINEARITY	± 1	%FS
OUTPUT IMPEDANCE, MAX	100	Ohms
VOLTAGE BIAS, NOM	+10	VDC
SUPPLY (COMPLIANCE) VOLTAGE RANGE	+18 TO +30	VDC
SUPPLY CURRENT RANGE	2 TO 20	mA
MATERIAL, HEAD/HANDLE	STAINLESS STEEL/FIBERGLAS	
WEIGHT, HEAD	150/5.3	Grams/Ounces
WEIGHT, TOTAL	275/9.7	Grams/Ounces
CONNECTOR, MODEL 5850B	BNC JACK, COAXIAL	

ACCESSORIES SUPPLIED WITH BASIC HAMMER:

1 EA. IMPACT TIP, MODEL 6250A (ALUMINUM), (1) MODEL 6250P (HARD PLASTIC) AND 6250PS, (SOFT PLASTIC)

ACCESSORIES SUPPLIED WITH HAMMER KITS HB5850A & B AND HL5850A & B:

ABOVE 3 TIPS PLUS (2) HEAD EXTENDERS, 6270S1 AND 6270S2