



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

**MASTER
ONLY IF IN RED**

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.

| | | | | |
|---|---------|---------------|------|--------------|
| SCALE | 1X | REV | DATE | ECN |
| 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, ±10% | 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 | +7.5 to +12 | 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