



REDRAWN ON CAD 12-16-97



CHATSWORTH, CA.

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
 TOLERANCE: .XXX = ± .005 .XX = ± .01

SURFACE FINISH 63 ✓
 EXCEPT AS NOTED

BREAK EDGES TO DEBURR .003
 RADIUS OR CHAMFER

1 THESE DIAS Ⓞ TO .003 T.I.R.

FILLETS - .005 MAX RAD.

SCALE	1X	REV	-	DATE	-	ECN	-
DATE	6/18/82	PART NO.	MODEL 5800SL				
DRAWN	N.C.	CHECKED	R.A.				
APPROVED				NEXT ASSEMBLY	102-0846-01	USED ON	5800SL
TITLE						DWG NO.	
OUTLINE/INSTALLATION DRAWING, MODEL 5800SL IMPULSE HAMMER						127-5800SL	
SHEET 1 OF 1							

SPECIFICATIONS

MODEL 5800SL MINIATURE IMPULSE HAMMER

SPECIFICATION	VALUE	UNITS
SENSITIVITY, ±10%	100	mV/Lb
RANGE, F.S.	50	Lb.
LINEARITY	+/- 2	% F.S.
F.S. OUTPUT VOLTAGE	+5	VOLTS
DISCHARGE TIME CONSTANT, NOM.	3	SEC.
RESONANT FREQUENCY, NOM.	300	kHz
STIFFNESS, IMPACT TIP STRUCTURE	1.5×10^6	Lb./In.
IMPACT TIP MATERIAL	17-4	ST. STEEL
IMPACT TIP HARDNESS, NOM.	44-45	Rc
IMPACT TIP DIAMETER	0.1	In.
MAXIMUM SAFE IMPACT MAGNITUDE	200	Lb.
OUTPUT IMPEDANCE	100	OHMS
INPUT CURRENT RANGE [1]	2 to 20	mA
COMPLIANCE (SUPPLY) VOLTAGE [1]	+18 to +30	VDC
ELECTRICAL CONNECTOR (AT END OF HANDLE)	10-32	MICRO
WEIGHT	9.80	GRAMS

ACCESSORIES SUPPLIED: (1) Model 6278 head extender.
 Weight - 3.5 Grams
 Material - brass

[1] Current must be supplied by constant current type power sources such as Dytran LIVM power units. **Do not** supply power to the hammer from a DC power supply **without current limiting** as specified here. To do so will immediately destroy the built-in IC amplifier.