



MODEL NO.	SENSITIVITY
6961C	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 11/1/95	ECN
DATE 11/1/95	PART NO.		
DRAWN D.Z.	CHECKED N.C.	MAT'L	
APPROVED	NEXT ASSEMBLY	USED ON	
TITLE OUTLINE/INSTALLATION DRAWING, IMPULSE HAMMER 6961C			DWG NO. 127-6961C
			SHEET 1 OF 1

**SPECIFICATIONS, MODEL 6961C
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 6961C	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 HB 6961B & C AND HL 6961B & C :

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

