



REDRAWN ON CAD 1/4/99

EXCEPT AS OTHERWISE NOTED			
ALL DIMENSIONS IN INCHES			
TOLERANCE: .XXX ± .01			
SURFACE FINISH			
EXCEPT AS NOTED			
BREAK EDGES TO DEBURR			
RADIUS OR CHAMFER			
<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">△</div> <div>THESE DIAS TO</div> <div style="margin-left: 5px;">T.I.R.</div> </div>			
FILLETS - MAX RAD.			

WZO		CHATSWORTH, CA.	
SCALE	1X	REV	DATE
DATE	3/2/95	PART NO.	
DRAWN	N.C.	CHECKED	N.C.
APPROVED		NEXT ASSEMBLY	
TITLE		USED ON	
OUTLINE INSTALLATION DRAWING, MODEL 6916B IMPULSE HAMMER		6916B	
		DWG NO. 127-6916B	
SHEET		1 OF 1	

2 NEVER USE HAMMER WITHOUT IMPACT TIP ATTACHED TO THE FRONT SURFACE OF THE SENSOR AS SHOWN. THIS WILL PERMANENTLY DAMAGE THE SENSOR.

1. HEAD WEIGHT-1 LB

SPECIFICATIONS MODEL 6916B 1 POUND HEAD IMPULSE HAMMER

SPECIFICATION	VALUE	UNITS
RANGE, NOMINAL FOR +5 VOLTS OUT	5000	LBS
SENSITIVITY, $\pm 10\%$	1.0	mV/LB
MAXIMUM INPUT	10,000	LBS
STIFFNESS, FORCE SENSOR	8.0	LB/ μ IN
RESONANT FREQUENCY, SENSOR WITH NO IMPACT CAP	>50	kHz
LINEARITY	± 2	% FS
F.S. OUTPUT	+5	VOLTS
OUTPUT IMPEDANCE, NOM	100	OHMS
BIAS VOLTAGE, INTEGRAL AMPLIFIER	+7.5 to +9.5	VDC
INPUT CURRENT RANGE [1]	2 to 20	mA
COMPLIANCE (SUPPLY) VOLTAGE RANGE [1]	+18 to +30	VOLTS DC
MATERIAL		
FORCE SENSOR	17-4 PH	ST. STEEL
HAMMER HEAD	STEEL	CAST
HANDLE	WOOD	
WEIGHT, HEAD WITH FORCE SENSOR	1.0	POUNDS
CONNECTOR, AT END OF HANDLE	BNC	JACK

ACCESSORIES SUPPLIED: (1) 6530S IMPACT TIP, SOFT (BROWN)
 (1) 6530M IMPACT TIP, MEDIUM, (GREEN)
 (1) 6530T IMPACT TIP, TOUGH, (REF)
 (1) 6530H IMPACT TIP, HARD, (BLACK)

[1] Supply power from constant current source power sources only. Do not use with power supply without current limiting, 20 mA maximum. To do so will destroy built-in amplifier.

