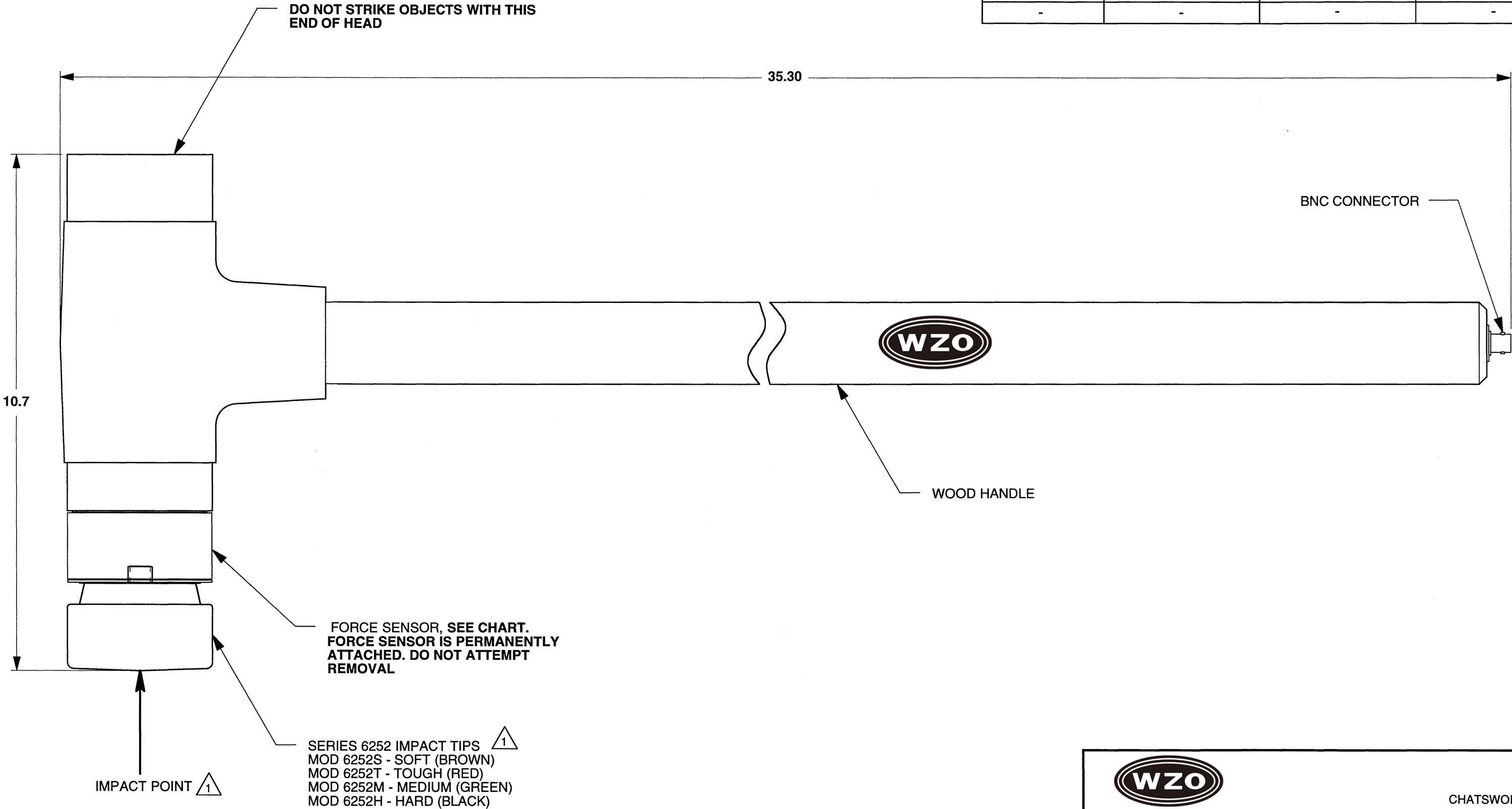


MODEL	F.S. RANGE.	FORCE SENSOR	SENSITIVITY
6914B	5000 LBS	1070V	1 mV/G
6914N2	30, 000 LBS	1070M1	0.166 Mv/G
-	-	-	-



2. HEAD WEIGHT - 12 LBS. NOM.

<sup>1</sup> NEVER USE HAMMER WITHOUT AND IMPACT TIP ATTACHED TO THE FRONT SURFACE OF THE SENSOR AS SHOWN. THIS WILL PERMANENTLY DAMAGE THE SENSOR.

		CHATSWORTH, CA.		
SCALE	1/2	REV	DATE	ECN
DATE	9/15/83	PART NO.	SEE CHART FOR MODEL	
DRAWN	N.C.	CHECKED	MAT'L	
APPROVED	5-15-98		NEXT ASSEMBLY	USED ON
TITLE				DWG NO.
OUTLINE/INSTALLATION DRAWING, MODEL SERIES 6914B IMPULSE HAMMERS				127-6914B
SHEET				1 OF 1

## SPECIFICATIONS MODEL 6914B 12-POUND 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	110	LB/ $\mu$ IN
RESONANT FREQUENCY, SENSOR WITH NO IMPACT CAP	75	kHz
LINEARITY	$\pm 2$	% FS
F.S. OUTPUT	+5	VOLTS
OUTPUT IMPEDANCE, NOM	100	OHMS
VOLTAGE BIAS, INTEGRAL AMPLIFIER	+11	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	
IMPACT TIPS, ALL	POLYURETHANE	
WEIGHT, HEAD WITH FORCE SENSOR	12	POUNDS
CONNECTOR, AT END OF HANDLE	BNC	JACK

ACCESSORIES SUPPLIED: (1) 6252T IMPACT TIP, TOUGH, RED  
(1) 6252S IMPACT TIP, SOFT, BROWN

ACCESSORIES AVAILABLE: 6252H IMPACT TIP, HARD, BLACK  
6252M IMPACT TIP, MEDIUM, GREEN

[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.

