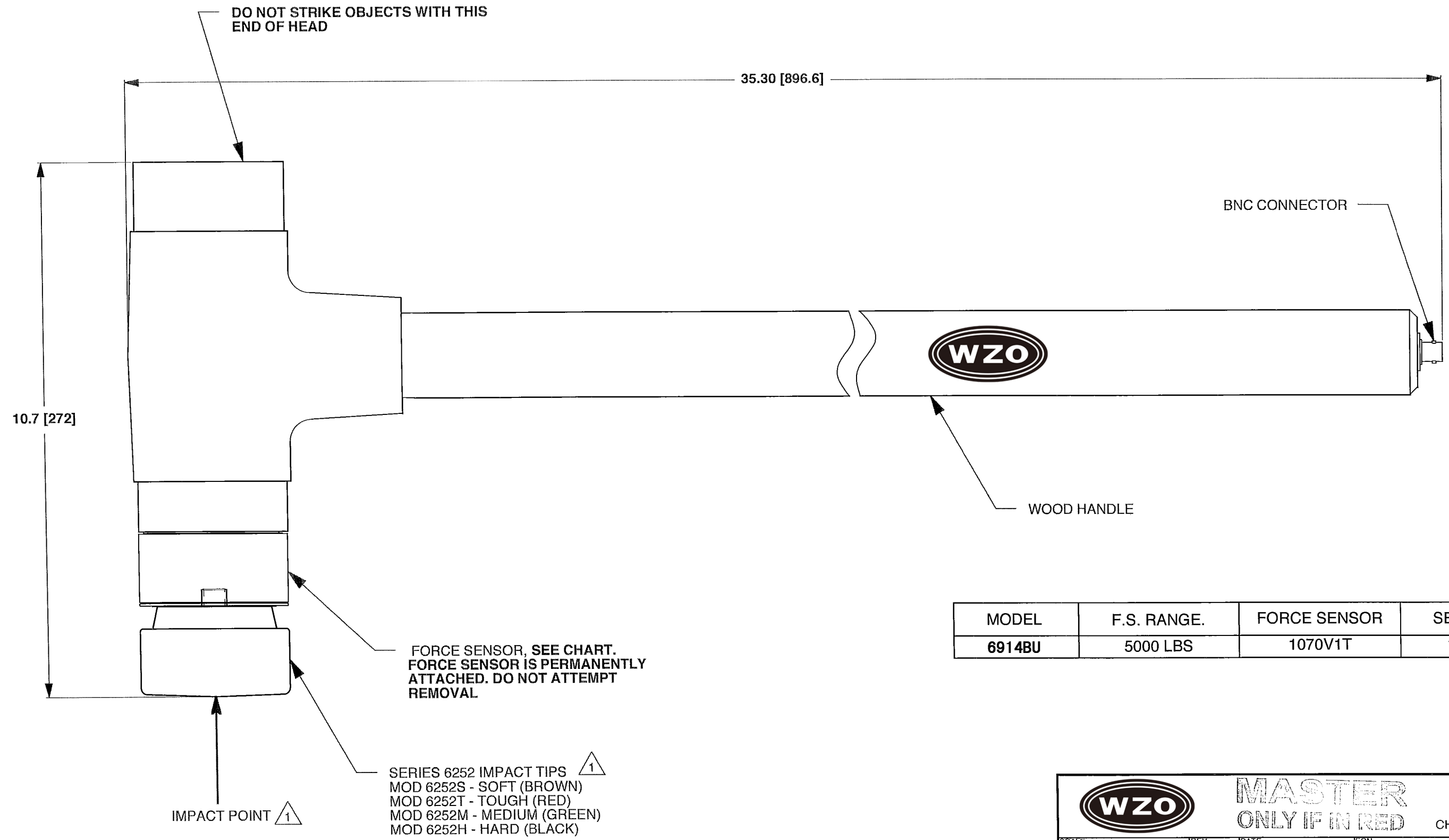



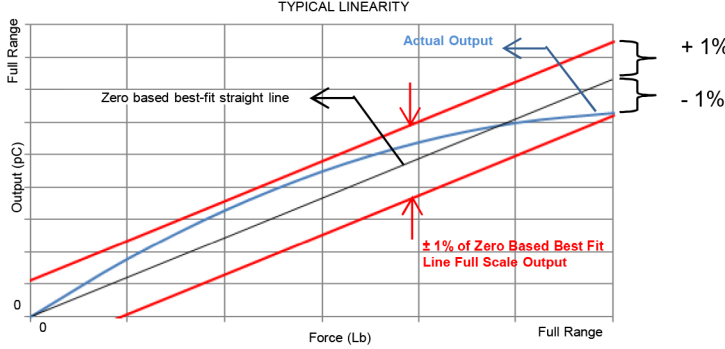
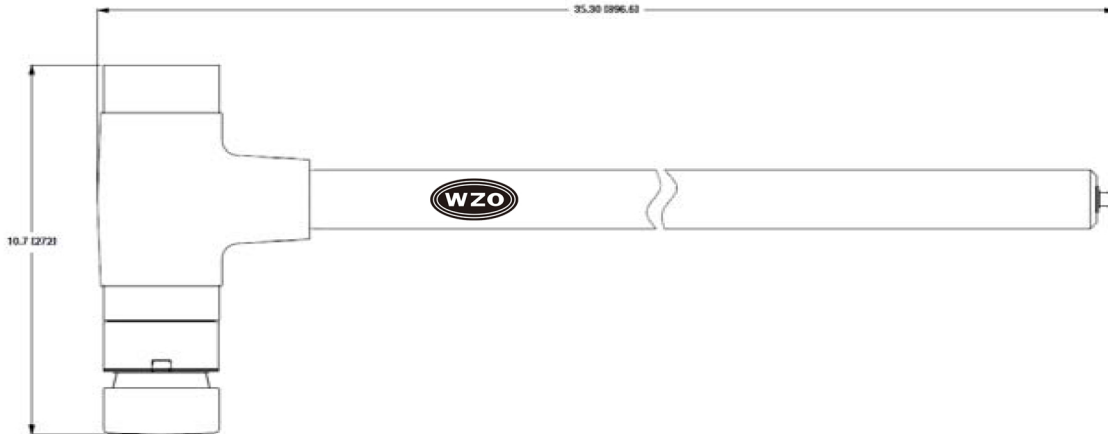
REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	10421	INITIAL RELEASE	AB 09/25/13	LN	DN



MODEL	F.S. RANGE.	FORCE SENSOR	SENSITIVITY
6914BU	5000 LBS	1070V1T	1 mV/LbF

2. HEAD WEIGHT - 12 LB. NOM.
- 1 NEVER USE HAMMER WITHOUT AND IMPACT TIP ATTACHED TO THE FRONT SURFACE OF THE SENSOR AS SHOWN. THIS WILL PERMANENTLY DAMAGE THE SENSOR.

		MASTER		CHATSORTH, CA.	
ONLY IF IN RED					
SCALE	1/2	REV	DATE	ECN	
DATE	09/25/13	PART NO.	6914BU		
DRAWN	AB	CHECKED	LN	MAT'L	
APPROVED	DN	NEXT ASSEMBLY	USED ON		
TITLE					DWG NO.
OUTLINE/INSTALLATION DRAWING, MODEL SERIES 6914BU IMPULSE HAMMERS					127- 6914BU
					SHEET 1 OF 1

Model Number 6914BU		PERFORMANCE SPECIFICATION				Doc No PS 6914BU																																	
		DYNAPULSE™ IMPULSE HAMMERS				REV A, ECN 10421, 09/25/13																																	
		<ul style="list-style-type: none">• IMPULSE HAMMER• EXCELLENT LINEARITY• TEDS FEATURE																																					
PHYSICAL Weight, Head Connector [1] Head Handle Sensing Element		Coaxial Material Material Material Material Mode	<table><tr><th colspan="2">ENGLISH</th><th colspan="2">SI</th></tr><tr><td>12</td><td>lb</td><td>5443</td><td>grams</td></tr><tr><td>BNC Receptacle</td><td></td><td>BNC Receptacle</td><td></td></tr><tr><td>Stainless Steel</td><td></td><td>Stainless Steel</td><td></td></tr><tr><td>Stainless Steel</td><td></td><td>Stainless Steel</td><td></td></tr><tr><td>Wood</td><td></td><td>Wood</td><td></td></tr><tr><td>Quartz</td><td></td><td>Quartz</td><td></td></tr><tr><td>Compression</td><td></td><td>Compression</td><td></td></tr></table>					ENGLISH		SI		12	lb	5443	grams	BNC Receptacle		BNC Receptacle		Stainless Steel		Stainless Steel		Stainless Steel		Stainless Steel		Wood		Wood		Quartz		Quartz		Compression		Compression	
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PERFORMANCE Sensitivity, ± 10 % Range Maximum Force Linearity [1] Resonant Frequency Stiffness Operating Temperature		<table><tr><td>1</td><td>mV/LbF</td><td>0.25</td><td>mV/N</td></tr><tr><td>5,000</td><td>Lbs. Force</td><td>22.2</td><td>kN</td></tr><tr><td>10,000</td><td>Lbs. Force</td><td>44.5</td><td>kN</td></tr><tr><td>± 2</td><td>% Full Scale</td><td>± 2</td><td>% Full Scale</td></tr><tr><td>75</td><td>kHz</td><td>75</td><td>kHz</td></tr><tr><td>110</td><td>Lb/μin</td><td>19.06</td><td>kN/μm</td></tr><tr><td>-40 to +150</td><td>°F</td><td>-40 to +150</td><td></td></tr></table>					1	mV/LbF	0.25	mV/N	5,000	Lbs. Force	22.2	kN	10,000	Lbs. Force	44.5	kN	± 2	% Full Scale	± 2	% Full Scale	75	kHz	75	kHz	110	Lb/μin	19.06	kN/μm	-40 to +150	°F	-40 to +150						
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ELECTRICAL Output Voltage F.S Output Impedance, Max Compliance Voltage Range Supply Current Range Discharge Time Constant TEDS Feature		<table><tr><td>±5</td><td>V</td><td>±5</td><td>V</td></tr><tr><td>100</td><td>Ω</td><td>100</td><td>Ω</td></tr><tr><td>+18 to +30</td><td>VDC</td><td>+18 to +30</td><td>VDC</td></tr><tr><td>2 to 20</td><td>mA</td><td>2 to 20</td><td>mA</td></tr><tr><td>20 to 25</td><td>Sec</td><td>20 to 25</td><td>Sec</td></tr><tr><td>IEEE 1451.4</td><td></td><td>IEEE 1451.4</td><td></td></tr></table>					±5	V	±5	V	100	Ω	100	Ω	+18 to +30	VDC	+18 to +30	VDC	2 to 20	mA	2 to 20	mA	20 to 25	Sec	20 to 25	Sec	IEEE 1451.4		IEEE 1451.4										
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		<p>This family also includes:</p> <table><tr><th>Model</th><th>Sensitivity (mV/Lb)</th><th>Range(Lbs. Force)</th><th>Max.Force (Lbs. Force)</th><th>Oper. Temp(°F)</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> <p>Please, refer to the performance specifications of the products in this family for detailed description</p> <p>Supplied Accessories:</p> <p>1) Accredited calibration certificate (ISO 17025)</p> <p>2) Impact tips,(1) model 6252S (soft, brown), 6252T (tough, red), 6252M (medium, green), 6252H (hard, black)</p> <p>Notes:</p> <p>[1] Percent of full scale or any lesser range, Zero based best-fit straight line method.</p> <div><p>TYPICAL LINEARITY</p><p>± 1% of Zero Based Best Fit Line Full Scale Output</p></div> <div></div> <p>Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-6914BU for more information.</p>						Model	Sensitivity (mV/Lb)	Range(Lbs. Force)	Max.Force (Lbs. Force)	Oper. Temp(°F)																											
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