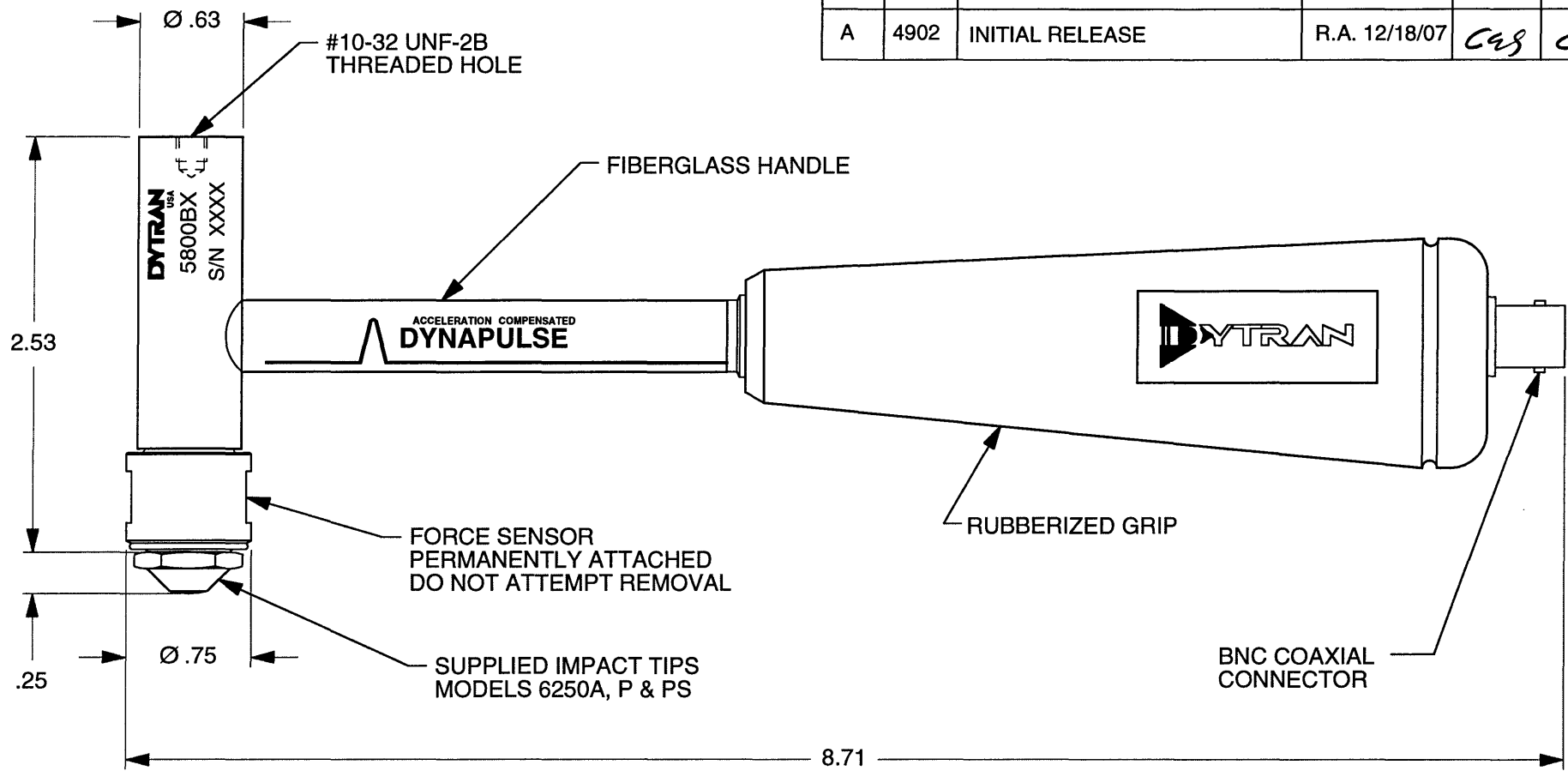


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	4902	INITIAL RELEASE	R.A. 12/18/07	CEJ	CEJ



MODEL NO.	SENSITIVITY
5800B2	100 mV/LbF
5800B3	50 mV/LbF
5800B4	10 mV/LbF
5800B5	5 mV/LbF

1. HEAD WEIGHT - 100 GRAMS, TOTAL WEIGHT-220 GRAMS

		<h1>MASTER ONLY IF IN RED</h1>		CHATSWORTH, CA.	
SCALE	1X	REV	-	DATE	SEE REV BLOCK
DATE	6/17/00	PART NO.			
DRAWN	N.C.	CHECKED	CEJ	MAT'L	
APPROVED	<i>[Signature]</i>	NEXT ASSEMBLY		USED ON	
TITLE				DWG NO.	
OUTLINE/INSTALLATION DRAWING, IMPULSE HAMMER SERIES 5800B				127-5800B	
SHEET 1 OF 1					

Model Number 5800B2	PERFORMANCE SPECIFICATION	DOC NO PS5800B2
	IMPULSE HAMMER	REV A, ECN 11034, 06/25/14



- ACCELERATION COMPENSATED
- EXCELLENT LINEARITY
- INTERCHANGABLE IMPACT TIPS

PHYSICAL

Weight, Head	Material
Connector	Material
Head	Material
Handle	Material
Impact Tips	Material
Sensing Element	Material
	Mode

ENGLISH		SI	
3.5	oz	100	grams
BNC		BNC	
Stainless Steel		Stainless Steel	
Fiberglass		Fiberglass	
Aluminum / Plastic		Aluminum / Plastic	
Quartz		Quartz	
Compression		Compression	

PERFORMANCE

	ENGLISH	SI
Sensitivity, ± 10 %	100 mV/LbF	22.5 mV/N
Range	50 Lbs. Force	222.4 N
Maximum Force	1,000 Lbs. Force	4448 N
Linearity [1]	±1 % Full Scale	±1 % Full Scale
Resonant Frequency	75 kHz	75 kHz
Stiffness, Force Sensor	11.4 Lb/µin	2.0 kN/µm

ELECTRICAL

	ENGLISH	SI
Output Voltage F.S	±5 V	±5 V
Output Impedance, Max	100 Ω	100 Ω
Bias Voltage	7 to 12 VDC	7 to 12 VDC
Compliance Voltage Range	18 to 30 VDC	18 to 30 VDC
Supply Current Range	2 to 20 mA	2 to 20 mA
Discharge Time Constant, Nom	20 Sec	20 Sec

This family also includes:

Model	Sensitivity (mV/Lb)	Range (Lb. Force)	Max. Force (Lb. Force)	Discharge T.C. (sec)
5800B1	500	10	200	5
5800B3	50	100	1000	50
5800B4	10	500	1000	170
5800B5	5	1,000	2000	300
5801B4	10	500	6000	170
5801B5	5	1,000	8000	300
5801B6	1	5,000	8000	1700

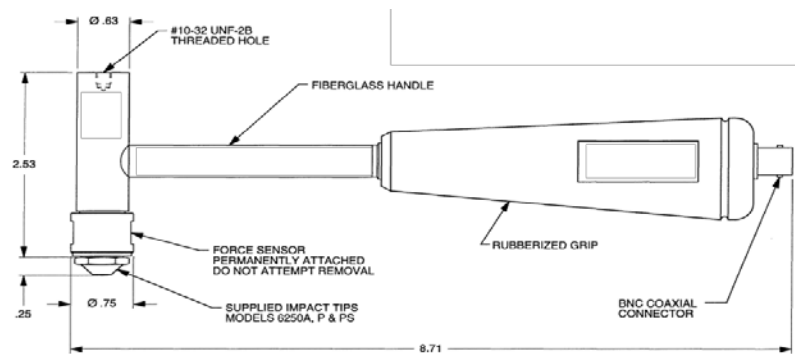
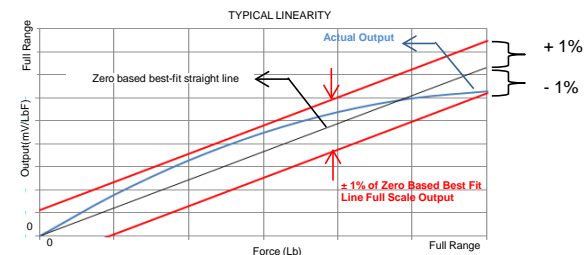
Refer to the performance specifications of the products in this family for detailed description.

Supplied Accessories:

- 1) Accredited calibration certificate (ISO 17025)
- 2) Impact tips: 1X Model 6250A (aluminum), 1X Model 6250P (plastic), 1X model 6250PS (soft plastic)

Notes:

- [1] Percent of full scale or any lesser range, Zero based best-fit straight line method.
- [2] In the interest of constant product improvement, we reserve the right to change specifications without notice.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-5800B for more information.



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