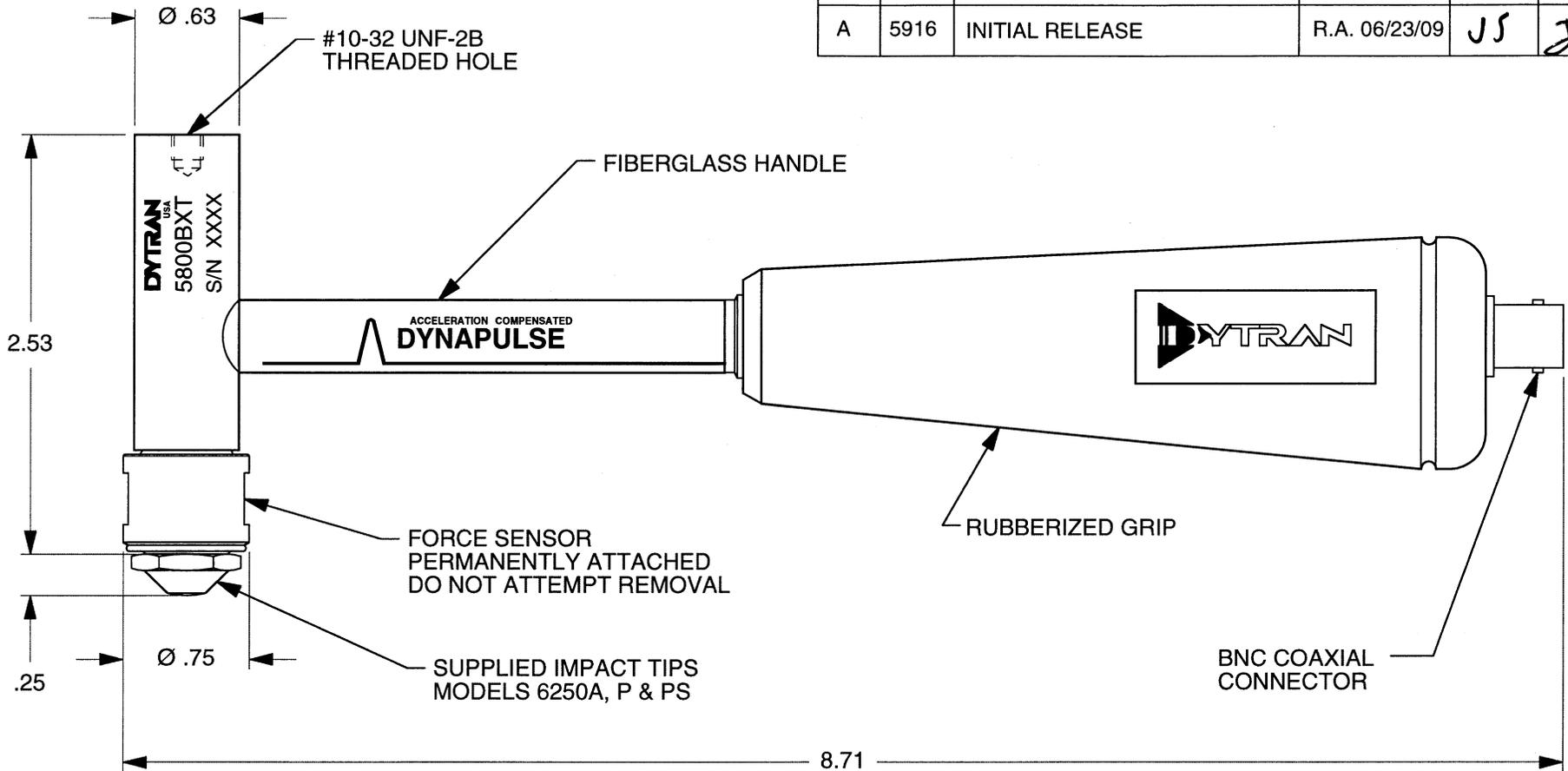


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5916	INITIAL RELEASE	R.A. 06/23/09	JS	<i>[Signature]</i>



MODEL NO.	SENSITIVITY
5800B2T	100 mV/LbF
5800B3T	50 mV/LbF
5800B4T	10 mV/LbF
5800B5T	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	6/23/09	PART NO.			
DRAWN	N.C.	CHECKED	JS	MAT'L	
APPROVED	<i>[Signature]</i>	7/10/09		NEXT ASSEMBLY	USED ON
TITLE				DWG NO.	
OUTLINE/INSTALLATION DRAWING, IMPULSE HAMMER SERIES 5800BT				127-5800BT	
SHEET 1 OF 1					

Model Number 5800B4T	PERFORMANCE SPECIFICATION	Doc No PS5800B4T
	DYNAPULSE™ IMPULSE HAMMERS	REV C, ECN 13593, 08/10/17



- IMPULSE HAMMERS
- EXCELLENT LINEARITY
- TEDS FEATURE

PHYSICAL

Weight, Head Connector [1]
Coaxial Material
Head Material
Handle Material
Sensing Element Material Mode

ENGLISH		SI	
3.5	oz	100	grams
BNC Receptacle		BNC Receptacle	
Stainless Steel		Stainless Steel	
Stainless Steel		Stainless Steel	
Fiber Glass		Fiber Glass	
Quartz		Quartz	
Compression		Compression	

PERFORMANCE

Sensitivity, ± 10 %
Range
Maximum Force
Linearity [1]
Resonant Frequency
Stiffness
Operating Temperature
TEDS Operating Temperature

10	mV/LbF	2	mV/N
500	Lbs. Force	2.2	kN
1,000	Lbs. Force	4.4	kN
± 1	% Full Scale	± 1	% Full Scale
75	kHz	75	kHz
11.4	Lb/μin	1.97	kN/μm
-40 to +150	°F	-40 to +66	°C
-40 to +185	°F	-40 to +85	°C

ELECTRICAL

Output Voltage F.S
Output Impedance, Max
Compliance Voltage Range
Supply Current Range
Discharge Time Constant
TEDS Feature

±5	V	±5	V
100	Ω	100	Ω
+18 to +30	VDC	+18 to +30	VDC
2 to 20	mA	2 to 20	mA
170 to 175	Sec	170 to 175	Sec
IEEE 1451.1		IEEE 1451.1	

This family also includes:

Model	Sensitivity (mV/Lb)	Range(Lbs. Force)	Max.Force (Lbs. Force)	Oper. Temp(°F)
5800B2T	100	50	1000	-40 to +150
5800B3T	50	100	1000	-40 to +150
5800B5T	5	100	2000	-40 to +150

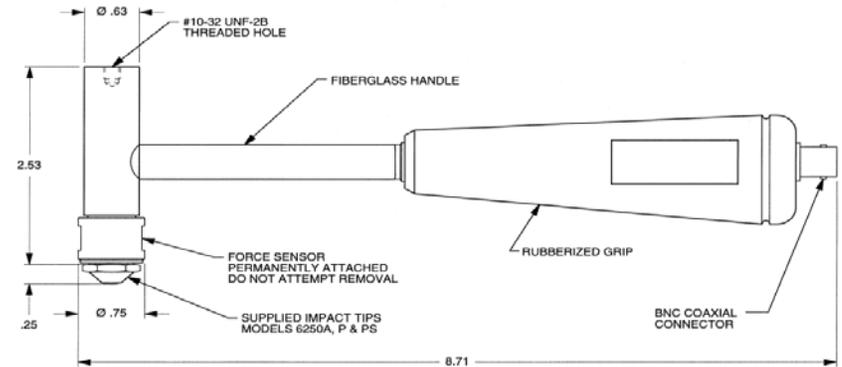
Please, refer to the performance specifications of the products in this family for detailed description

Supplied Accessories:

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

Notes:

- [1] Percent of full scale or any lesser range, Zero based best-fit straight line method.



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



21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.700.7880 www.dytran.com
For permission to reprint this content, please contact info@dytran.com