

REDRAWN ON CAD 12-16-97

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX = ± .005 .XX = ± .01
SURFACE FINISH 63 ✓
EXCEPT AS NOTED
BREAK EDGES TO DEBURR .003
RADIUS OR CHAMFER


1 THESE DIAS Ⓞ TO .003 T.I.R.

FILLETS - .005 MAX RAD.



CHATSWORTH, CA.

SCALE	1X	REV	-	DATE	-	ECN	-		
DATE	6/18/82	PART NO.	MODEL 6911TM						
DRAWN	N.C.	CHECKED	R.A.	MAT'L					
APPROVED				NEXT ASSEMBLY	102-0846-01	USED ON	6911TM		
TITLE							DWG NO.		
OUTLINE/INSTALLATION DRAWING, MODEL 6911TM IMPULSE HAMMER							127-6911TM		
							SHEET 1 OF 1		

Model Number 69111TM		PERFORMANCE SPECIFICATION				Doc No PS 69111TM																																																									
		DYNAPULSE™ IMPULSE HAMMERS				REV A, ECN 10952, 07/15/15																																																									
		<ul style="list-style-type: none">• IMPULSE HAMMERS• EXCELLENT LINEARITY																																																													
		<div><div><div><div>PHYSICAL</div><div>Weight</div><div>Connector</div><div>Sensing Element</div><div>Impact Tip</div></div><div>Micro</div><div>Mode</div><div>Material</div><div>Hardness, Nom</div><div>Diameter</div></div><div><table><tr><th colspan="2">ENGLISH</th><th colspan="2">SI</th></tr><tr><td>0.34</td><td>oz</td><td>9.8</td><td>grams</td></tr><tr><td>10-32</td><td></td><td>10-32</td><td></td></tr><tr><td>Compression</td><td></td><td>Compression</td><td></td></tr><tr><td>300 Series S.S.</td><td></td><td></td><td></td></tr><tr><td>44-45</td><td>Rc</td><td>44-45</td><td>Rc</td></tr><tr><td>0.1</td><td>In</td><td>2.54000508</td><td>mm</td></tr></table></div></div> <div><div><div>PERFORMANCE</div><div>Sensitivity, ± 10 %</div><div>Range</div><div>Maximum Force</div><div>Linearity</div><div>Resonant Frequency, Nom</div><div>Stiffness</div><div>Operating Temperature</div></div><div></div><div>mV/LbF</div><div>Lbs. Force</div><div>Lbs. Force</div><div>% Full Scale</div><div>kHz</div><div>Lb/μin</div><div>°F</div></div> <div><table><tr><td>100</td><td>mV/LbF</td><td>25</td><td>mV/N</td></tr><tr><td>50</td><td>Lbs. Force</td><td>0.2</td><td>kN</td></tr><tr><td>200</td><td>Lbs. Force</td><td>0.9</td><td>kN</td></tr><tr><td>± 1</td><td>% Full Scale</td><td>± 1</td><td>% Full Scale</td></tr><tr><td>300</td><td>kHz</td><td>300</td><td>kHz</td></tr><tr><td>1.5</td><td>Lb/μin</td><td>0.26</td><td>kN/μm</td></tr><tr><td>-40 to +150</td><td>°F</td><td>-40 to +66</td><td>°C</td></tr></table></div>						ENGLISH		SI		0.34	oz	9.8	grams	10-32		10-32		Compression		Compression		300 Series S.S.				44-45	Rc	44-45	Rc	0.1	In	2.54000508	mm	100	mV/LbF	25	mV/N	50	Lbs. Force	0.2	kN	200	Lbs. Force	0.9	kN	± 1	% Full Scale	± 1	% Full Scale	300	kHz	300	kHz	1.5	Lb/μin	0.26	kN/μm	-40 to +150	°F	-40 to +66	°C
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ELECTRICAL

Output Voltage F.S

Output Impedance, Max

Compliance Voltage Range [1]

Supply Current Range [1]

Discharge Time Constant, Nom

V

Ω

VDC

mA

Sec

±5	V	±5	V
100	Ω	100	Ω
+18 to +30	VDC	+18 to +30	VDC
2 to 20	mA	2 to 20	mA
3	Sec	3	Sec

This family also includes:

Model	Sensitivity (mV/Lb)	Range(Lbs. Force)	Max.Force (Lbs. Force)	Oper. Temp(°F)

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

Supplied Accessories:

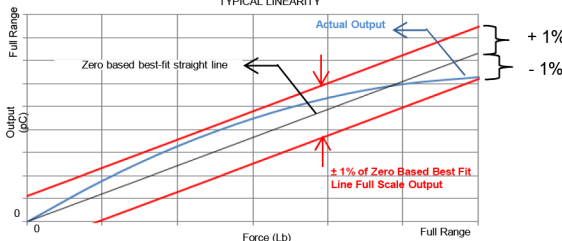
1) Accredited calibration certificate (ISO 17025)

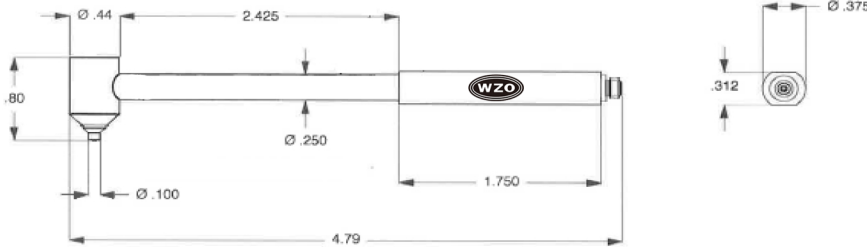
2) Model 6278 head extender. Weight - 3.5 Grams. Material - brass.

Notes:

[1] Current must be supplied by constant current type power sources such as Dytran LIVM power units. Do not supply power to the hammer from a DC power supply without current limiting as specified here. To do so will immediately destroy the built-in IC amplifier.

TYPICAL LINEARITY





Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-69111TM for more information.

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