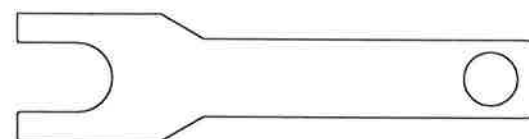
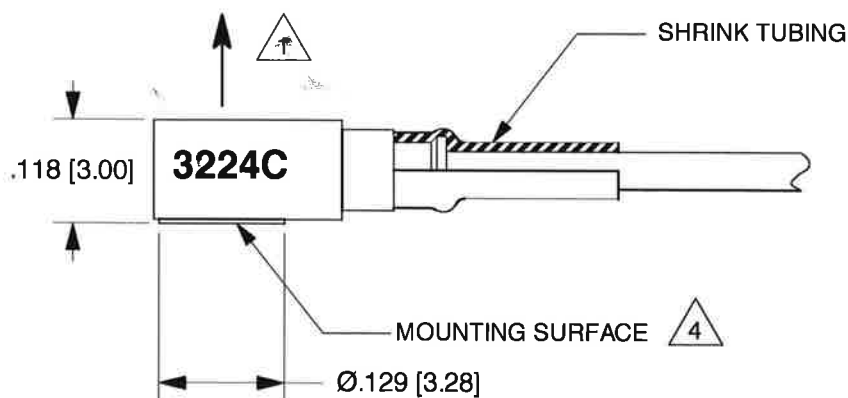
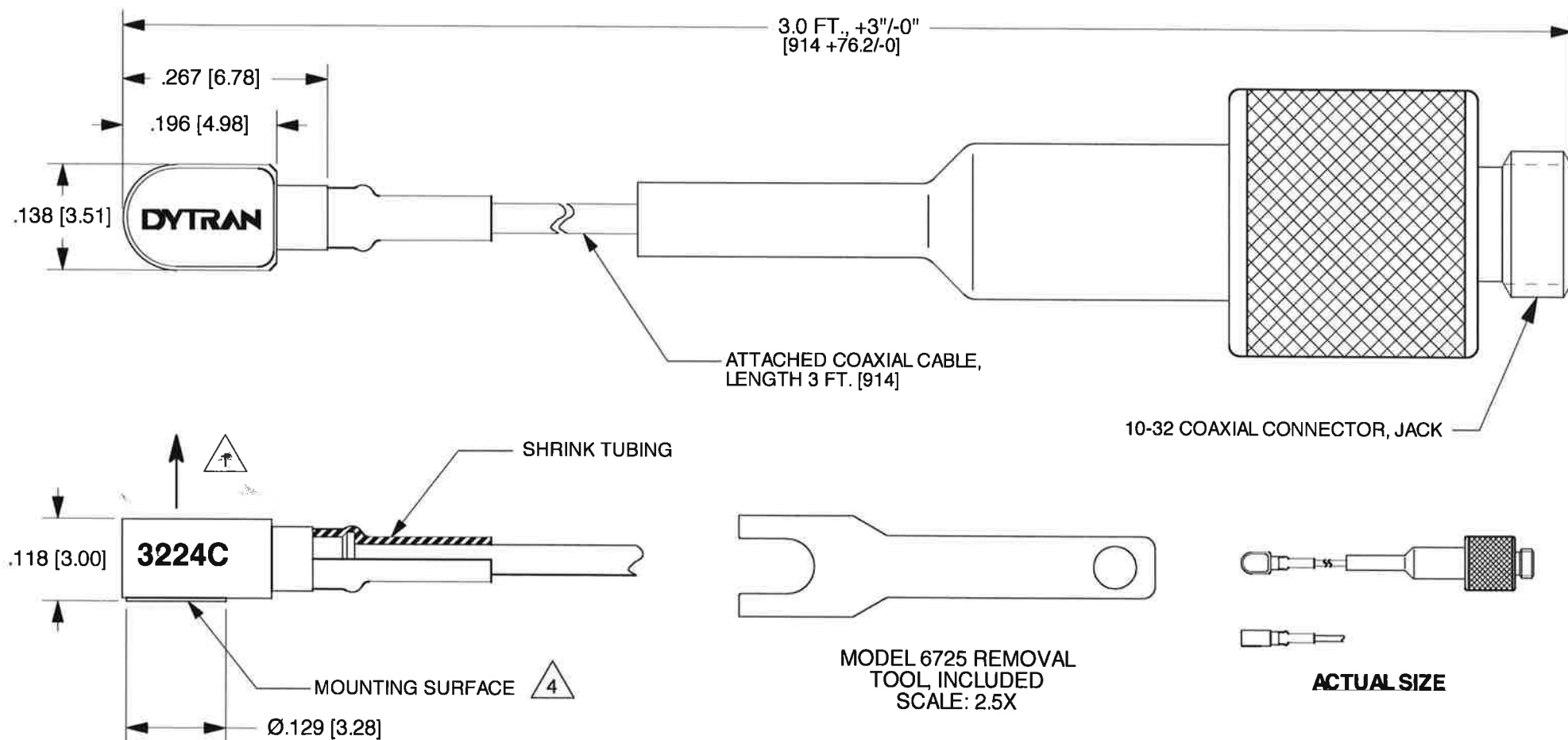
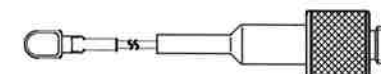


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
E	13202	ADDED: "CE" CERTIFIED TO DRAWING TITLE	LA 01/03/17	MH	W



MODEL 6725 REMOVAL
 TOOL INCLUDED
 SCALE: 2.5X



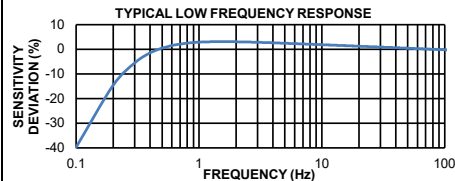
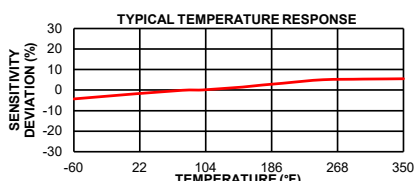
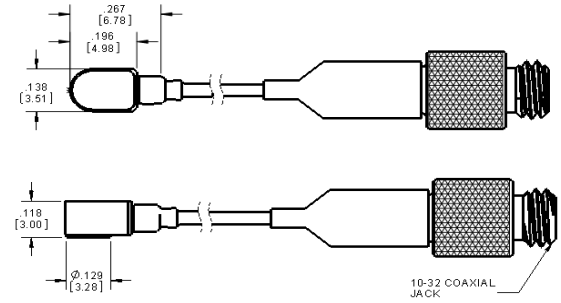


ACTUAL SIZE

4. APPLY ADHESIVE TO THIS SURFACE TO MOUNT.
3. CASE AND CONNECTOR MATERIAL: TITANIUM.
2. WEIGHT LESS CABLE: 0.2 GRAMS.
1. ARROW INDICATES SENSE AND DIRECTION OF INPUT ACCELERATION FOR NEGATIVE GOING OUTPUT SIGNAL


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS () ARE IN MILLIMETERS. TOLERANCES ARE:		
INCHES	METRIC	ANGLES
.XX ±.03	.X ±0.8	±1°
.XXX ±.005	.XX ±0.25	

		MASTER ONLY IF IN RED		CHATSWORTH, CA.	
SCALE 5X	DESIGN N.C.	DATE 12/5/11			
DRAWN N.C.	DATE 12/5/08	PART NO. MODEL 3224C			
CHECKED DV	DATE 12/19/11	MAT'L	REV E		
APPROVED ANS	DATE 12/19/11	NEXT ASSEMBLY	USED ON		
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 3224C ACCELEROMETER, CHARGE MODE, "CE" CERTIFIED			DWG NO. 127-3224C		
			SHEET 1 OF 1		

MODEL NUMBER		PERFORMANCE SPECIFICATION				DOC NO.	
3224C						PS3224C	
		CHARGE MODE ACCELEROMETER				REV J, ECN 16247, 06/30/21	
 <ul style="list-style-type: none">• MINIATURE SIZE• HIGH SENSITIVITY• EPOXY SEALED CABLE CONNECTION• CHARGE MODE		This family also includes:					
		Model	Sensitivity (pC/g)	Range (g pk)	Resolution (g RMS)	Oper. Temp(°F)	TC (sec)
		Please, refer to the performance specifications of the products in this family for detailed description.					
		Supplied Accessories:					
		1) Model 6725 installation removal wrench.					
		2) Sample of " Small Petro Mounting Wax".					
		3) Accredited calibration certificate (ISO 17025)					
		Notes:					
		[1] This parameter depends on the gain settings of the charge amplifier used.					
		[2] 10-32 Coaxial Jack at end of 3FT.cable					
		[3] Measured at 100 Hz, 1 g RMS per ISA RP 37.2.					
		[4] All specifications are at room temperature unless otherwise specified.					
		[5] Low frequency response is a function of the charge amplifier discharge time constant.					
		[6] Zero based on best fit straight line method.					
		[7] In the interest of constant product improvement, we reserve the right to change specifications without notice.					
		It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.					
		CERTIFICATIONS:					
		CE certified (marked on each microphone) 					
							
							
							
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3224C for more information.					

PHYSICAL	
Weight, Less Cable	
Size	
Mounting Provision	
Connector [2]	
Sensing Element	
PERFORMANCE	
Sensitivity [3]	
Range F.S.	
Frequency Response, ±10%	
Resonant Frequency	
Amplitude Non-Linearity [6]	
Transverse Sensitivity, Max.	
Strain Sensitivity @250µε	
ENVIRONMENTAL	
Maximum Shock	
Temperature Range	
Seal	
ELECTRICAL	
Capacitance	
Insulation Resistance @ Room Temp.	
Output Signal Polarity for Acceleration Toward Top	

ENGLISH		SI	
0.007	oz	0.2	grams
0.138	in	3.5	mm
0.267	in	6.8	mm
0.188	in	4.8	mm
Flat mounting surface for adhesive mount		Flat mounting surface for adhesive mount	
Integral cable		Integral cable	
Planar Shear Piezoceramic		Planar Shear Piezoceramic	
0.25 TO 0.45	pC/g	.025 TO .046	pC/m/s ²
[1]	g	[1]	m/s ²
[5] to 10000	Hz	[5] to 10000	Hz
>40	kHz	>40	kHz
±1%	%F.S MAX	±1%	%F.S MAX
5	%	5	%
0.0005	g/µε	0.005	m/s ² /µε
1000	g pk	9800	± m/s ² pk
-60 to +350	°F	-51 to 177	°C
Laser Weld, Epoxy Sealed Cable		Laser Weld, Epoxy Sealed Cable	
220	pF	220	pF
5 x 10 ¹⁰ Min.	OHMS	5 x 10 ¹⁰ Min.	OHMS
Negative		Negative	



21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax:818.698.0362 www.dytran.com
For permission to reprint this content, please contact info@dytran.com