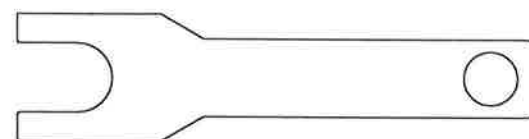
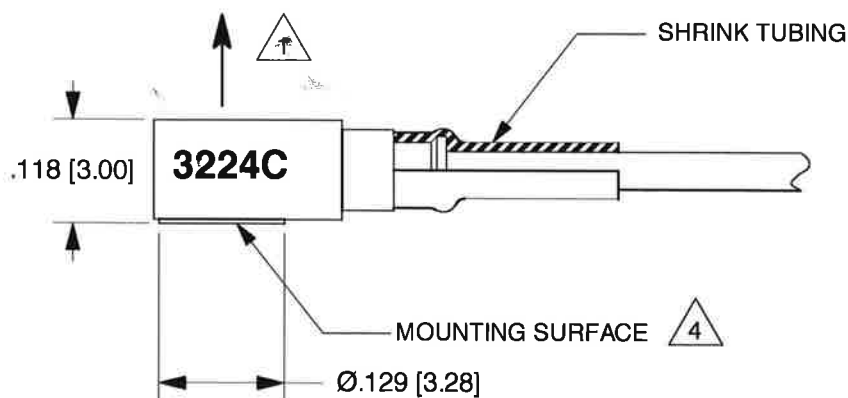
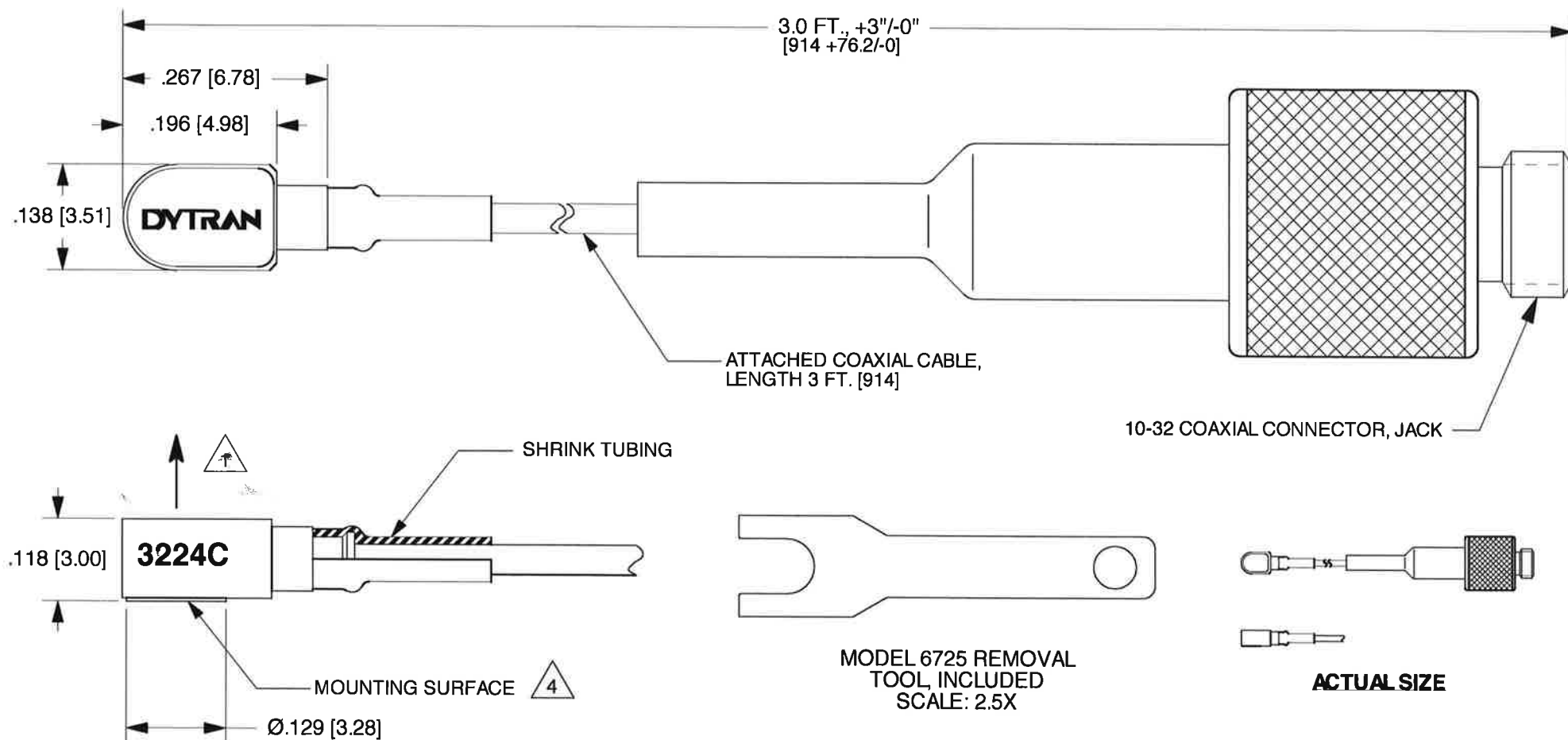
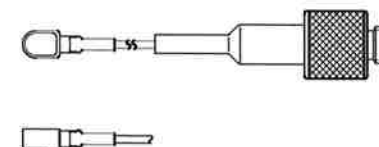


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
E	13202	ADDED: "CE" CERTIFIED TO DRAWING TITLE	LA 01/03/17	MH	W



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	

DYTRAN INSTRUMENTS, INC.		MASTER ONLY IF IN RED		CHATSORTH, 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 H, ECN 13533, 06/30/17	
		• MINIATURE SIZE • HIGH SENSITIVITY • EPOXY SEALED CABLE CONNECTION • CHARGE MODE					
PHYSICAL		ENGLISH		SI			
Weight, Less Cable	0.007	oz	0.2	grams			
Size	0.138	in	3.5	mm			
Length	0.267	in	6.8	mm			
Height	0.188	in	4.8	mm			
Mounting Provision	[1]		[1]				
Connector [2]	Integral cable		Integral cable				
Sensing Element	Planar Shear Piezoceramic		Planar Shear Piezoceramic				
PERFORMANCE		0.25 TO 0.45		.025 TO .046			
Sensitivity [3] [4]		pC/g		pC / m/s ²			
Range F.S.	[7]	g	[7]	m/s ²			
Frequency Response, ±5%	[5] to 10000	Hz	[5] to 10000	Hz			
Resonant Frequency	>40	kHz	>40	kHz			
Amplitude Non-Linearity [6]	±1%	%F.S MAX	±1%	%F.S MAX			
Transverse Sensitivity, Max.	5	%	5	%			
Strain Sensitivity @250µε	0.0005	g/µε	0.005	m/s ² /µε			
ENVIRONMENTAL		250		2450			
Maximum Vibration		g rms		m/s ² rms			
Maximum Shock	1000	g pk	9800	± m/s ² pk			
Temperature Range	-60 to +350	°F	-51 to 177	°C			
Seal	Laser Weld, Epoxy Sealed Cable		Laser Weld, Epoxy Sealed Cable				
ELECTRICAL		220		220			
Capacitance		pF		pF			
Insulation Resistance @ Room Temp.	5 x 10 ⁹ Min.	OHMS	5 x 10 ⁹ Min.	OHMS			
Output Signal Polarity for Acceleration Toward Top	Negative		Negative				
						This family also includes:	
						Model	
						Sensitivity (mV/g)	
						Range (Gpeak)	
						Resolution (Grms)	
						Oper. Temp(°F)	
						TC (sec)	



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