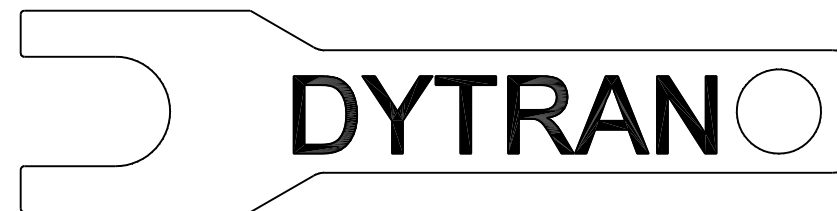
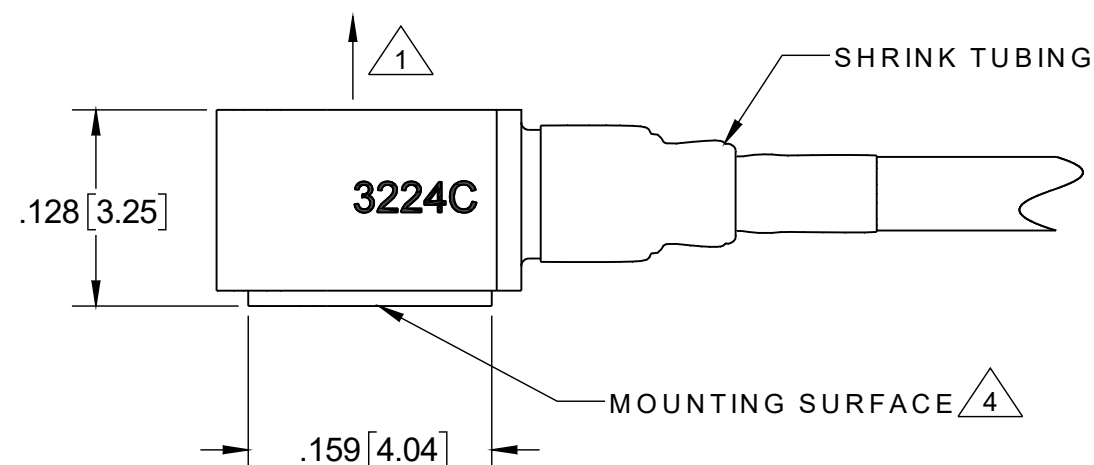
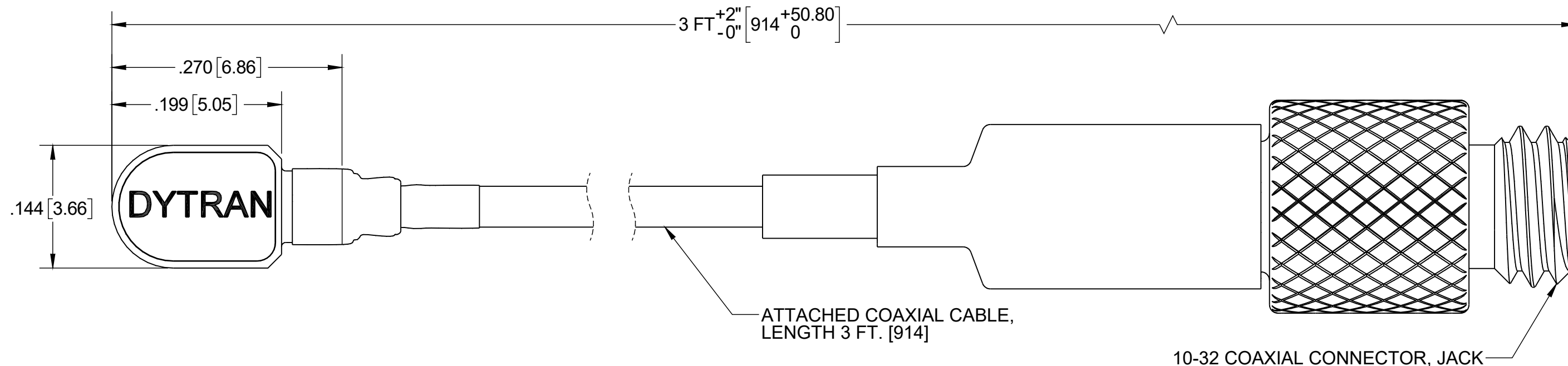
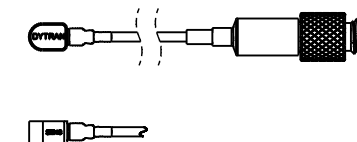


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REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
E	13202	ADDED: "CE" CERTIFIED TO DRAWING TITLE	LA 01/03/17	MH	LN
F	17029	SEE ECN	JT 01/19/23	JB	AS



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.

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED:
INTERPRET DIM & TOL PER
ASME Y14.5M - 1994.
REMOVE BURRS.
COUNTERSINK INTERNAL THDS
90° TO MAJOR DIA.
CHAM EXT THDS 45° TO MINOR DIA.
THD LENGTHS AND DEPTHS ARE FOR
MIN FULL THDS.
DIMENSIONS APPLY AFTER FINISHING

63/

ALL MACHINED SURFACES. ✓
TOTAL RUNOUT WITHIN .005.
BREAK SHARP EDGES .005 TO .010.
MACHINED FILLET RADII .005 TO .015.
WELDING SYMBOLS PER AWS A2.4.
ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		
DECIMALS		ANGLES
.XX ±.01		±1°
.XXX ±.005		

APPROVALS		DATE
DRAWN	N.C.	12/05/08
DESIGN	N.C.	12/05/11
CHK	DV	12/19/11
APP	ANS	12/19/11

DO NOT SCALE DRAWING



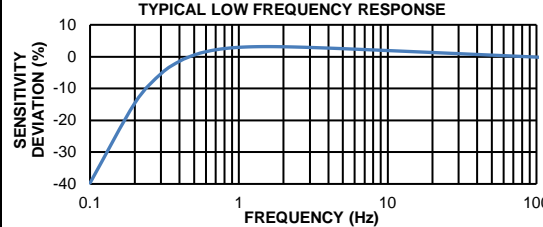
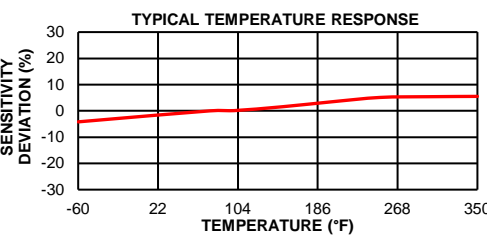
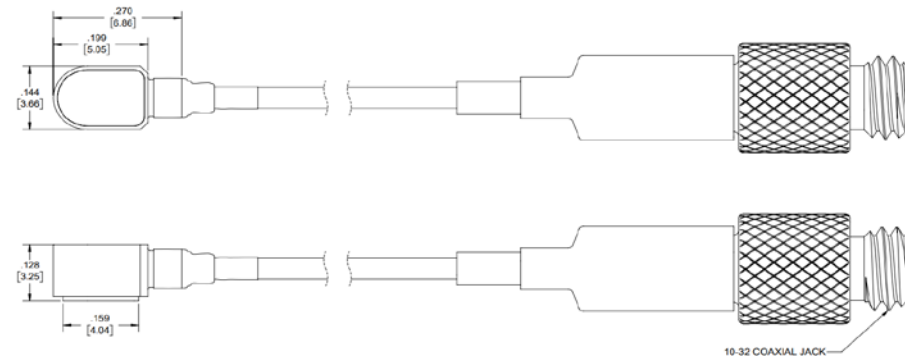



Chatsworth, CA

TITLE: OUTLINE/INSTALLATION
DRAWING, MODEL 3224C,
CHARGE MODE, "CE" CERTIFIED

SIZE B	CAGE CODE 2W033	DWG NO 127-3224C	RE F
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SCALE: 2:1	PART NO: 3224C	SHEET 1 OF 1
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MODEL NUMBER		PERFORMANCE SPECIFICATION				DOC NO.	
3224C						PS3224C	
		CHARGE MODE ACCELEROMETER				REV K, ECN 17029, 01/19/23	
		<ul style="list-style-type: none">• 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		Flat mounting surface for adhesive mount		Flat mounting surface for adhesive mount			
Connector [2]		Integral cable		Integral cable			
Sensing Element		Planar Shear Piezoceramic		Planar Shear Piezoceramic			
PERFORMANCE		0.25 TO 0.45		pC/g	.025 TO .046	pC/m/s ²	
Sensitivity		[1]		g	[1]	m/s ²	
Range F.S.		[5] to 10000		Hz	[5] to 10000	Hz	
Frequency Response, ±10%		>40		kHz	>40	kHz	
Resonant Frequency		±1%		%F.S MAX	±1%	%F.S MAX	
Amplitude Non-Linearity [5]		5		%	5	%	
Transverse Sensitivity, Max.		0.0005		g/με	0.005	m/s ² /με	
Strain Sensitivity @250με		2000		g pk	19600	± m/s ² pk	
Maximum Shock		-60 to +350		°F	-51 to 177	°C	
Temperature Range		Laser Weld, Epoxy Sealed Cable		Laser Weld, Epoxy Sealed Cable			
Seal		220		pF	220	pF	
Capacitance		5 x 10 ⁸ Min.		OHMS	5 x 10 ⁸ Min.	OHMS	
Insulation Resistance @ Room Temp.		Negative		Negative			
Output Signal Polarity for Acceleration Toward Top							
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] All specifications are at room temperature unless otherwise specified.							
[4] Low frequency response is a function of the charge amplifier discharge time constant.							
[5] Measured using zero-based straight line method, % of F.S. or any lesser range.							
[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.							



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