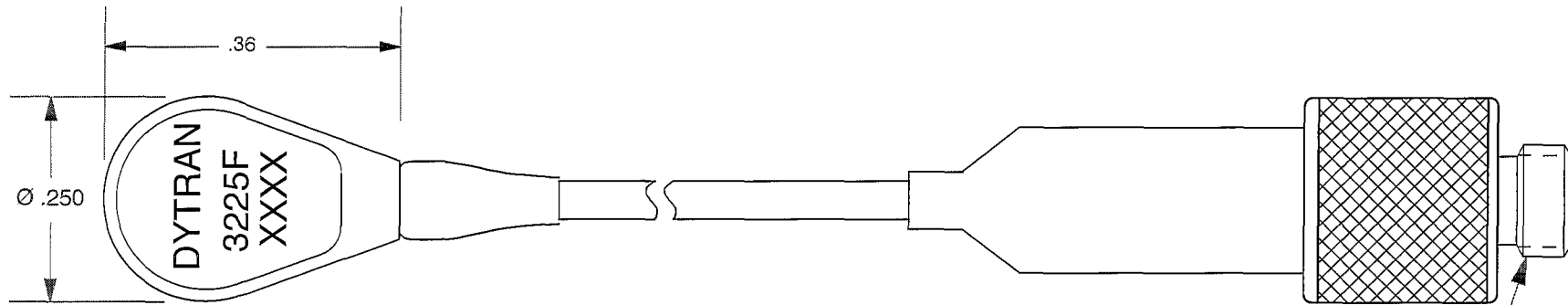
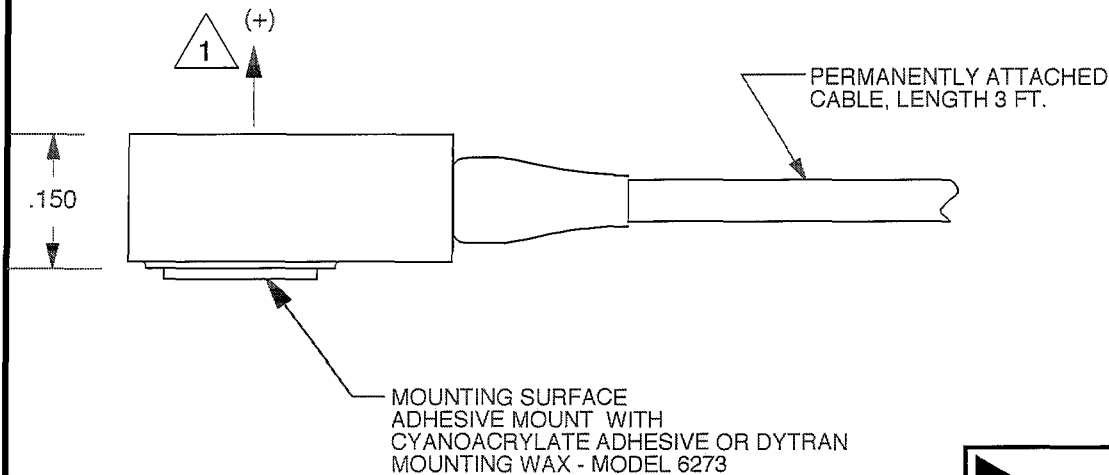


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	6001	SEE ECN	RLA 7/08/09	EP	DV
D	9989	UPDATED VIEW OF CONNECTOR	AB 06/03/13	11	✓



10-32 COAXIAL CONNECTOR, JACK



ACTUAL SIZE


MOUNTING SURFACE
ADHESIVE MOUNT WITH
CYANOACRYLATE ADHESIVE OR DYTRAN
MOUNTING WAX - MODEL 6273

- CASE AND CONNECTOR MATERIAL: TITANIUM.
- WEIGHT LESS CABLE: 0.6 GRAMS.

1 ARROW INDICATES SENSE AND
DIRECTION OF INPUT ACCELERATION
FOR POSITIVE GOING OUTPUT
SIGNAL.

EXCEPT AS OTHERWISE NOTED	
ALL DIMENSIONS IN INCHES TOLERANCE: .XXX = ± .XX = ±	
SURFACE FINISH EXCEPT AS NOTED	✓
BREAK EDGES TO DEBURR RADIUS OR CHAMFER	
THESE DIAS TO	T.I.R.
FILLETS -	MAX RAD.

DYTRAN INSTRUMENTS, INC.		MASTER ONLY IF IN RED		CHATSWORTH, CA.	
SCALE	5X	REV	-	DATE	SEE REV BLK
DATE	10/2/01	PART NO.			
DRAWN	N.C.	CHECKED	K.S.	MAT'L	
APPROVED	PML	8/08/06	NEXT ASSEMBLY	USED ON	
TITLE					DWG NO.
OUTLINE/INSTALLATION DRAWING, MODEL 3225F					127-3225F
					SHEET 1 OF 1

MODEL NUMBER 3225F		PERFORMANCE SPECIFICATION				DOC NO. PS3225F	
		ACCELEROMETER, IEPE				REV B, ECN 14312, 07/11/18	
		<ul style="list-style-type: none">• MINIATURE SIZE• 3-FOOT INTEGRAL CABLE					
		ENGLISH		SI			
PHYSICAL							
Weight		0.02	oz	0.6	grams		
Mounting Provision		[1]		[1]			
Connector, Coaxial		10-32 Jack		10-32 Jack			
Cable Length, Fixed		36	Inches	914	mm		
Case Material		Titanium		Titanium			
Sensing Element		Quartz		Quartz			
Material Mode		Shear		Shear			
PERFORMANCE							
Sensitivity, ± 10% [2]		10	mV/g	1.0	mV/m/s ²		
Range F.S. For ± 5 Volts Out		± 500	g's	± 4905	m/s ²		
Frequency Response, +/- 10%		1.6 to 10,000	Hz	1.6 to 10,000	Hz		
Mounted Resonant Frequency		> 60	kHz	> 60	kHz		
Amplitude Non-Linearity [3]		2	% F.S	2	% F.S		
Transverse Sensitivity, Max		5	%	5	%		
Noise Resolution [6]		0.007	grms	0.07	m/s ² rms		
Strain Sensitivity @250/με		0.0005	g/με	0.00	m/s ² /με		
ENVIRONMENTAL							
Maximum Vibration		400	Grms	3924	m/s ² rms		
Maximum Shock		5000	Gpeak	49050	m/s ² peak		
Temperature Range		-60 to +250	°F	-51 to +121	°C		
Thermal Coefficient of Sensitivity		0.03	%/°F	0.054	%/°C		
Environmental Seal		Epoxy		Epoxy			
ELECTRICAL							
Supply Current [4]		2 to 20	mA	2 to 20	mA		
Compliance Voltage		+18 to +30	Volts	+18 to +30	Volts		
Output Impedance, TYP		100	Ω	100	Ω		
Bias Voltage		+7 to +10	VDC	+7 to +10	VDC		
Discharge Time Constant		0.3 to 0.8	Sec	0.3 to 0.8	Sec		