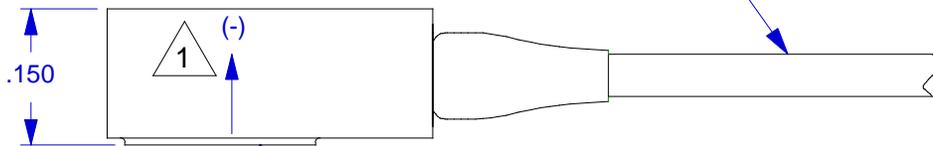
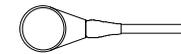


PERMANENTLY ATTACHED
CABLE, LENGTH 3 FT.

6109 10-32 COAXIAL CONNECTOR, JACK,
(INCLUDED, INSTALLED)



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



ACTUAL SIZE

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

1 ARROW INDICATES SENSE AND
DIRECTION OF INPUT ACCELERATION
FOR NEGATIVE 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.	

		CHATSWORTH, CA.			
		SCALE	5X	REV -	DATE -
DATE		10/2/01	PART NO.		
DRAWN	CHECKED	MAT'L			
N.C.	R.A.				
APPROVED		NEXT ASSEMBLY	USED ON		
TITLE		OUTLINE/INSTALLATION DRAWING, MODEL 3225E		DWG NO. 127-3225E	
		SHEET 1 OF 1			



SPECIFICATIONS

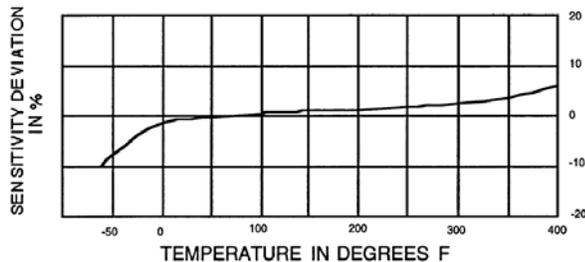
MODEL 3225E MINIATURE CHARGE MODE ACCELEROMETER

SPECIFICATION	VALUE	UNITS
PHYSICAL		
WEIGHT	0.6	GRAMS
SIZE (DIA x LENGTH HEX x HEIGHT)	0.25 x 0.36 x .150	INCHES
MOUNTING PROVISION	FLAT MOUNTING SURFACE FOR ADHESIVE MOUNT	
CONNECTOR, COAXIAL	10-32 JACK AT END OF FIXED 3 FT. CABLE	
CASE MATERIAL	TITANIUM	
SENSING ELEMENT	PLANAR SHEAR PIEZOCERAMIC	
PERFORMANCE		
SENSITIVITY, ±20% [2] [3]	1.8	pC/G
FREQUENCY RESPONSE, ± 10%	[3] to 10,000	Hz
MOUNTED RESONANT FREQUENCY, NOM.	40	KHz
AMPLITUDE NON-LINEARITY (ZERO BASED BEST FIT ST.LINE METHOD)	2.0	% F.S., MAX.
TRANSVERSE SENSITIVITY, MAX.	5	PERCENT
STRAIN SENSITIVITY	.0005	G's PER MICROSTRAIN @ 250/μσ
ENVIRONMENTAL		
MAXIMUM VIBRATION	400	G's, RMS
MAXIMUM SHOCK	5000	G's, PEAK
TEMPERATURE RANGE	-60 TO 350	°F
THERMAL COEFFICIENT OF SENSITIVITY	SEE CHART BELOW	
ENVIRONMENTAL SEAL	EPOXY	
ELECTRICAL		
CAPACITANCE INCLUDING ATTACHED 3 FT CABLE	490	pF
INSULATION RESISTANCE @ R.T.	5 X 10 ⁸ MIN.	OHMS
OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD TOP	NEGATIVE GOING	
CASE GROUNDING	CASE IS GROUNDED	

SUPPLIED ACCESSORIES:

- [1] MODEL 6591A INSTALLATION REMOVAL WRENCH
- [1] MODEL 6298 SMALL PETRO WAX

TYPICAL THERMAL SENSITIVITY GRAPH



NOTES:

- [1] MEASURED AT 100 Hz, 1 G RMS
- [2] A CALIBRATION CERTIFICATE TRACEABLE TO NIST IS SUPPLIED WITH EACH INSTRUMENT.
- [3] LOW FREQUENCY RESPONSE IS DEPENDENT UPON THE DISCHARGE TIME CONSTANT OF THE CHARGE AMPLIFIER.