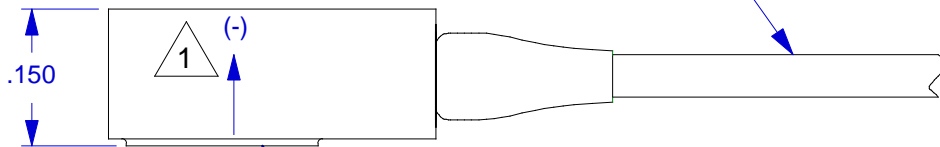
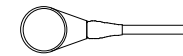


PERMANENTLY ATTACHED
CABLE, LENGTH 3 FT.

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		N.C.	CHECKED		R.A.
APPROVED		NEXT ASSEMBLY		USED ON	
TITLE				DWG NO.	
OUTLINE/INSTALLATION DRAWING, MODEL 3225E				127-3225E	
SHEET 1 OF 1					

SPECIFICATIONS

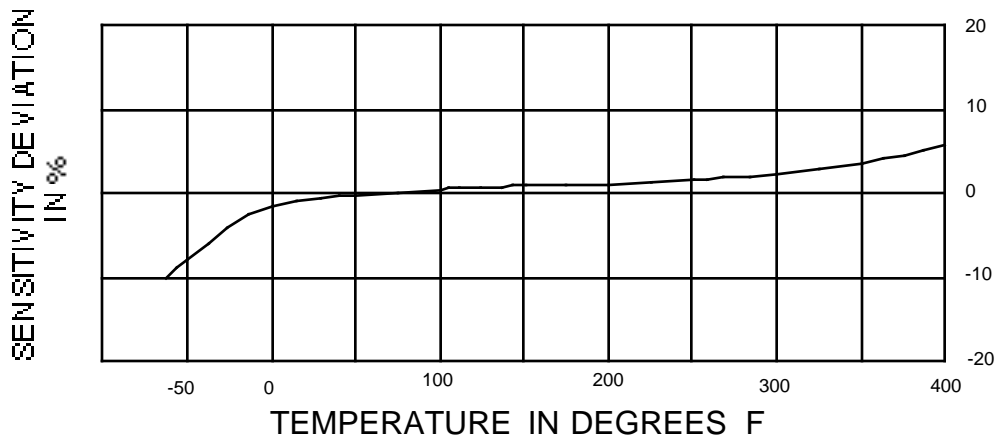
MODEL 3225E MINIATURE CHARGE MODE ACCELEROMETER

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 [1] [2]	>1.6	pC/G
RANGE F.S.	250	G's
FREQUENCY RESPONSE, $\pm 10\%$ [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/ μ
ENVIRONMENTAL		
MAXIMUM VIBRATION	400	G's, RMS
MAXIMUM SHOCK	5000	G's, PEAK
TEMPERATURE RANGE	-60 TO 350	$^{\circ}$ F
THERMAL COEFFICIENT OF SENSITIVITY	SEE CHART BELOW	
ENVIRONMENTAL SEAL	EPOXY	
ELECTRICAL		
CAPACITANCE INCLUDING ATTACHED 3 FT CABLE	490	pF
INSULATION RESISTANCE @ R.T.	5×10^8 MIN.	OHMS
OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD TOP	NEGATIVE GOING	
CASE GROUNDING	CASE IS GROUNDED	

SUPPLIED ACCESSORIES:

[1] MODEL 6192 INSTALLATION REMOVAL WRENCH

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.