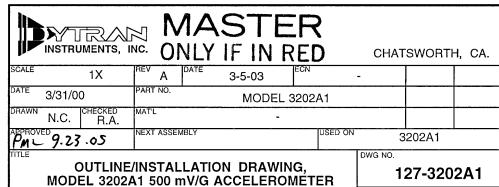


- 4. POWER GROUND ISOLATED FROM CASE GROUND, 10 MEGOHMS, MIN.
- 3. WEIGHT: 160 GRAMS.
- 2. SEAL: HERMETIC
- 1. HOUSING & CONNECTOR MATERIAL: 316L STAINLESS STEEL.



SHEET 1 OF 1



## **SPECIFICATIONS**

## **MODEL 3202A1 LIVM ACCELEROMETER**

SPECIFICATION		VALUE		UNITS
PHYSICAL				
WEIGHT SIZE, L x D x H MOUNTING PROVISION, (MOD 6523 SCREW PROVIDED) ELECTRICAL CONNECTOR, RADIAL (MIL-C-5015) MATERIAL CASE/CONNECTOR	2	160 2.26 x 1.44 x 1.12 THRU HOLE, CAPTI\ 2-PIN MILITARY 10S 316L		GRAMS IN ST. STEEL
PERFORMANCE		JIOL		OT. OTELL
SENSITIVITY, ± 5% [1] RANGE FOR ± 5 VOLTS OUT FREQUENCY RESPONSE, ± 5% MOUNTED RESONANT FREQUENCY, TYP. EQUIV. ELECTRICAL NOISE FLOOR, (RESOLUTION) AMPLITUDE NON-LINEARITY (ZERO BASED BEST FIT ST.LINE ME TRANSVERSE SENSITIVITY, MAX. STRAIN SENSITIVITY	THOD)	500 ±10 5 - 5,000 25 0002 2.0 5 0015		mV/G G Hz kHz G RMS % F.S., MAX. PERCENT STRAIN @ 250/µ
ENVIRONMENTAL				
MAXIMUM VIBRATION MAXIMUM SHOCK TEMPERATURE RANGE ENVIRONMENTAL SEAL	1	100 1500 -60 TO +250 ) METAL/WELDED,H	ERMETIC	G's, RMS G's, PEAK <sup>O</sup> F
ELECTRICAL				
COMPLIANCE (SUPPLY) VOLTAGE RANGE [2] EXCITATION CURRENT RANGE OUTPUT IMPEDANCE, NOM. OUTPUT BIAS VOLTAGE RANGE DISCHARGE TIME CONSTANT, MIN. OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD TOP POWER/SIGNAL GROUND to CASE ISOLATION, MIN.	2 2 1	+20 to +30 2 to 20 200 10 to 12.5 1.0 POSITIVE GOING 10		VDC mA OHMS VDC SEC. MEGOHMS

## **SUPPLIED ACCESSORIES:**

(1) Model 6523, 1/4-28 MOUNTING SCREW

## NOTES:

- [1] MEASURED AT 100 Hz, 1 G RMS. A CALIBRATION CERTIFICATE TRACEABLE TO **NIST** IS SUPPLIED WITH EACH INSTRUMENT.
- [2] THE USE OF DYTRAN LIVM CURRENT SOURCE POWER UNITS IS RECOMMENDED. DO NOT CONNECT THIS INSTRUMENT TO A SOURCE OF DC VOLTAGE WITHOUT CURRENT LIMITING PROTECTION, 20 mA MAX. TO DO SO WILL DESTROY THE INTERNAL AMPLIFIER AND VOID THE WARRANTY.