

 MODEL 3200B HAS A 1/4-28 MOUNTING STUD, MODEL 3200BT HAS A 10-32 STUD AND MODEL 3200BM HAS A 6mmX 1.0 MOUNTING STUD. ALL STUDS ARE .200 LONG.

4. MOUNTING HOLE PREPARATION FOR SERIES 3200BM: DRILL 5mm (Ø.1969) X 7mm(.276) DEEP TAP M6 x 1.0 X 6mm(.236) DEEP HOLE TO BE PERPENDICULAR WITHIN ±1°.

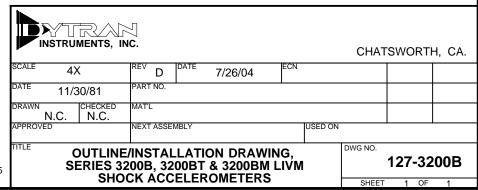
PREPARE MOUNTING SURFACE AS SHOWN.

APPLY A LAYER OF SILICONE GREASE TO MOUNTING
SURFACE. TORQUE 3200B & BM IN PLACE WITH 50 LBINCHES, TORQUE 3200BT IN PLACE WITH 30 LB-INCHES.

2. HOUSING MAT'L: 17-4 PH ST. STEEL.

1. WEIGHT - 6 GRAMS

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## SPECIFICATIONS, MODEL SERIES 3200B, 3200BT & 3200BM [1] LIVM HIGH SHOCK ACCELEROMETERS

## **SPECIFICATIONS BY MODEL**

MODELS	RANGE F.S. (G's)	MAXIMUM SHOCK (G's)	SENSITIVITY (±10%) [2] (mV/G)	ELECTRICAL NOISE (G's)	NATURAL FREQUENCY (kHz)
3200B2, B2T & B2M	<b>+/-</b> 50,000	100,000	0.1	0.7	>90
3200B3, B3T & B3M	<b>+/-</b> 20,000	100,000	0.25	0.28	>90
3200B4, B4T & B4M	<b>+/-</b> 10,000	50,000	0.5	0.14	>90
3200B5, B5T & B5M	<b>+/-</b> 5,000	50,000	1.0	0.07	>90
3200B6, B6T & B6M	<b>+/-</b> 2.500	50.000	2.0	0.035	>90

## COMMON SPECIFICATIONS

VALUE	UNITS
1.0 to 1.5	SECOND
.16	Hz
.50	Hz
.35 to 10000	Hz
±1	% F.S.
3.0	%
100	OHMS
+7.5 to +9.5	VDC
2 to 20	mA
+18 to +20	VDC
-60 to +250	°F
3/8 x .64	INCHES
6	GRAMS
10-32	MICRO-COAXIAL
17-4 PH	STAINLESS STEEL
1/4-28/10-32/M6 x 1.0	INTEGRAL STUD
EPOXY	
10	GIGOHMS
	1.0 to 1.5 .16 .50 .35 to 10000 ±1 3.0  100  +7.5 to +9.5 2 to 20 +18 to +20 -60 to +250 3/8 x .64 6 10-32 17-4 PH  1/4-28/10-32/M6 x 1.0 EPOXY

<sup>[1]</sup> Model series 3200B features 1/4-28 mounting stud, series 3200BT features 10-32 stud, series 3200BM has a m6 x 1.0 metric mounting stud. All other characteristics are identical.

<sup>[2]</sup> Measured by impacting against calibrated force sensor. NIST traceable.

<sup>[3]</sup> Percent of full scale or any lesser designated full scale range, zero-based best fit straight line method.

<sup>[4]</sup> Power only with Dytran or Dytran approved current source type power unit. Do not supply power without current limiting. You will destroy the integral electronics. This will void the warranty.

<sup>[5]</sup> Height measured from mounting surface to top of connector. Integral mounting studs are .20 in. long.