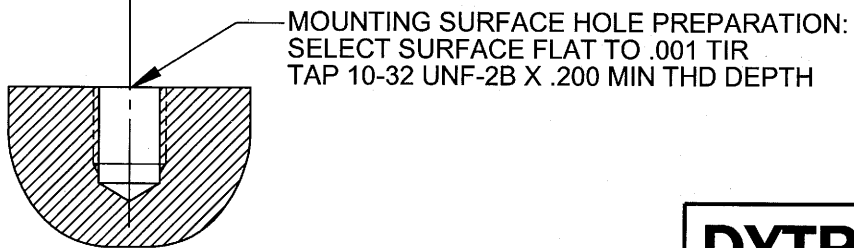


MODEL 6200 MOUNTING STUD, PROVIDED



MOUNTING SURFACE HOLE PREPARATION:  
 SELECT SURFACE FLAT TO .001 TIR  
 TAP 10-32 UNF-2B X .200 MIN THD DEPTH

MODEL	REV	ECN	DATE	SENSITIVITY
3255A1	A	4535	2/5/2007	10 mV/g
3255A2	A	4535	2/5/2007	100 mV/g
3255A3	A	4535	2/5/2007	500 mV/g
3255A4	A	4535	2/5/2007	50 mV/g
3255A5	A	4535	2/5/2007	20 mV/g
3255A6	A	4535	2/5/2007	200mV/g

<b>DYTRAN MASTER</b>				
INSTRUMENTS, INC.		<b>ONLY IF IN RED</b>		CHATSWORTH, CA
SCALE	2:1	REV	-	DATE
			SEE CHART	ECN
			SEE CHART	
DATE	2/5/2007	PART NO.	SERIES 3255A	
DRAWN	R.A.	CHECKED	MATERIAL	
		CCD	TITANIUM ALLOY	
APPROVED	CCD	29-7	NEXT ASSEMBLY	USED ON
TITLE			DWG NO.	
OUTLINE / INSTALLATION DRAWING			127-3255A	
3255A SERIES ACCELEROMETER			SHEET 1 OF 1	

**SPECIFICATIONS**  
**MODEL SERIES 3255A LIVM ACCELEROMETERS**

<b>SPECIFICATION</b>	<b>VALUE</b>					<b>UNITS</b>
<b>PHYSICAL</b>						
WEIGHT	10					Grams
SIZE, HEX x HEIGHT	.50 x 0.62					Inches
MOUNTING PROVISION	10-32 X .150 DEEP TAPPED HOLE					
CONNECTOR, RADIALLY MOUNTED	10-32					Coaxial
MATERIAL, BASE, CAP & CONNECTOR	TITANIUM					
SEISMIC ELEMENT TYPE	CERAMIC, PLANAR SHEAR					
<b>PERFORMANCE</b>						
	<b>MODELS</b>					
	<b>3255A1</b>	<b>3255A2</b>	<b>3255A3</b>	<b>3255A4</b>	<b>3255A6</b>	
SENSITIVITY, $\pm 5\%$ [1]	10	100	500	50	200	mV/g
RANGE F.S. FOR $\pm 5$ VOLTS OUTPUT	$\pm 500$	$\pm 50$	$\pm 10$	$\pm 100$	$\pm 25$	g's
FREQUENCY RANGE, $\pm 5\%$ (all models)	1 to 10,000					Hz
RESONANT FREQUENCY, NOM. (all models)	35					kHz
EQUIVALENT ELECTRICAL NOISE	.007	.0007	.00014	.0014	.0004	grms
LINEARITY [2] (all models)	$\pm 2$					% F.S.
TRANSVERSE SENSITIVITY, MAX. (all models)	5					%
<b>ENVIRONMENTAL</b>						
	<b>3255A1</b>	<b>3255A2</b>	<b>3255A3</b>	<b>3255A4</b>	<b>3255A6</b>	
MAXIMUM VIBRATION/SHOCK	600/3000	400/2000	200/1000	500/2000	300/2000 $\pm$	gpk
TEMPERATURE RANGE (all models)	-60 to +250					$^{\circ}$ F
SEAL, HERMETIC	Glass-to-metal/welded					
COEFFICIENT OF THERMAL SENSITIVITY	.06					%/ $^{\circ}$ F
<b>ELECTRICAL</b>						
SUPPLY CURRENT [3]	2 to 20					mA
COMPLIANCE VOLTAGE RANGE	18 to +30					Volts
OUTPUT IMPEDANCE, TYP.	100					$\Omega$
BIAS VOLTAGE, +10.5 VOLTS NOM.	+9 to +12					VDC
DISCHARGE TIME CONSTANT, NOM.	0.5					Sec
OUTPUT SIGNAL POLARITY FOR ACCELERATION TOWARD TOP						Positive

**Accessories supplied:** (1) Model 6200 mounting stud.

[1] Measured at 100 Hz, 1 grms per ISA RP 37.2.

[2] Measured using zero-based best straight line method, % of F.S. or any lesser range.

[3] Do not apply power to this device without current limiting, 20 mA MAX. To do so will destroy the integral IC amplifier.