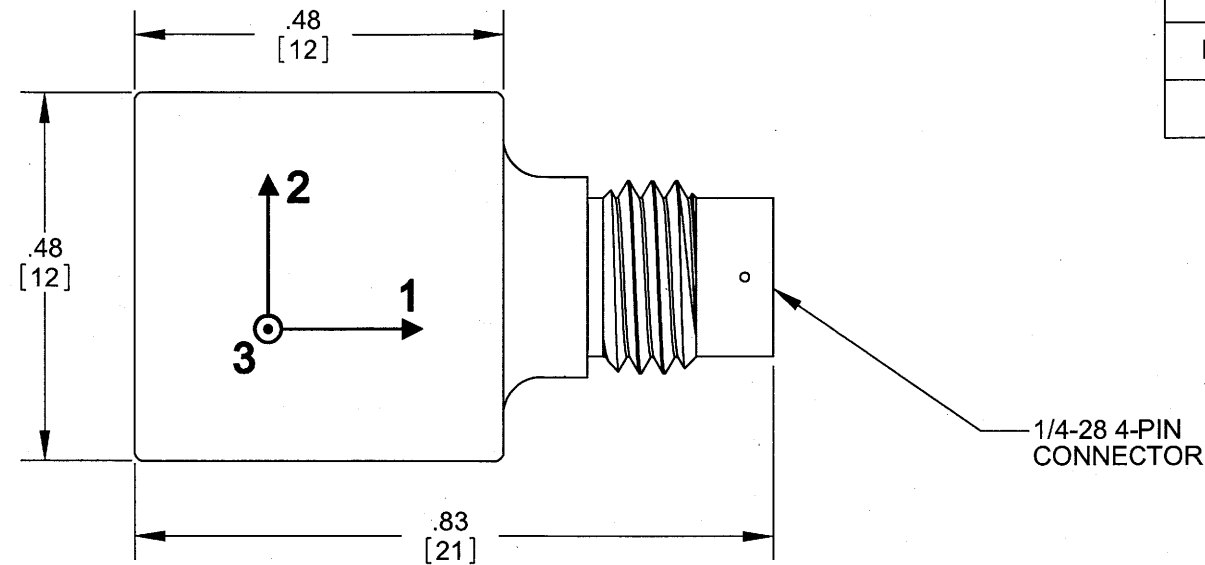


REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	4631	ADD: 3263A3T TO NOTE 4	R.L.A. 5/4/07	CEB	CEB

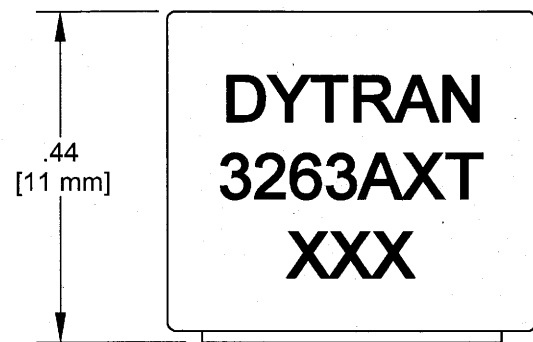


PIN 4
X-AXIS OUTPUT

PIN 1
GND RETURN
COMMON

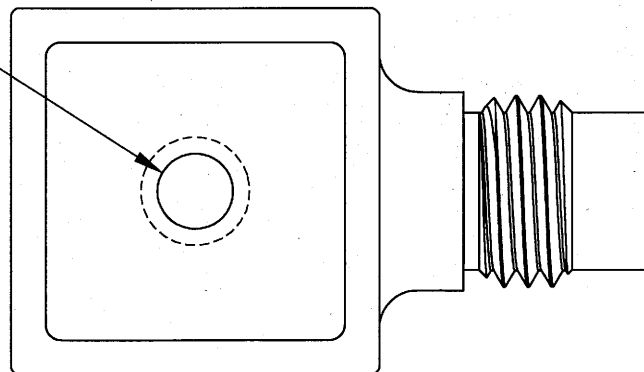
PIN 3
Z-AXIS OUTPUT

PIN 2
Y-AXIS OUTPUT



MOUNTING SURFACE

4-40 UNC MOUNTING HOLE




6. DIMENSIONS ARE IN INCHES [mm]
5. EACH AXIS INCLUDES TEDS
4. SENSITIVITY:
3263A1T: 10mV/g
3263A2T: 100 mV/g
3263A3T: 50mV/g
3. WEIGHT: 5.6 GRAMS NOMINAL
2. ARROW INICATE ACCELERATION DIRECTION FOR POSITIVE OUTPUT.
1. HOUSING MATERIAL: TITANIUM ALLOY

DRILL HOLE SIZE	TOLERANCE	UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M - 1994. REMOVE BURRS. COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS. THDS PER MIL-S-7742. DIMENSIONS APPLY AFTER FINISHING
.0135 THRU .125	+.004 / -.001	
.1260 THRU .250	+.005 / -.001	
.2510 THRU .500	+.006 / -.001	
.5010 THRU .750	+.008 / -.001	
.7510 THRU 1.000	+.010 / -.001	
1.001 THRU 2.000	+.012 / -.001	
THIRD ANGLE PROJECTION USA		ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	
DECIMALS .XX ± .010 .XXX ± .005	ANGLES ± 1°
MATERIAL:	
FINISH:	
DO NOT SCALE DRAWING	

CONTRACT NO.		
APPROVALS		DATE
ORIG	PML	9/9/06
CHK	PML	5/11/06
APP		
APP		

		Chatsworth, CA	
TITLE: OUTLINE/ISTALLATION DRAWING, MODEL 3263AT ACCELEROMETER			
SIZE B	CAGE CODE 2W033	DWG NO 127-3263AT	REV A
SCALE: 2:1	SOLIDWORKS		SHEET 1 of 1



SPECIFICATIONS, MODEL 3263AT TRIAXIAL ACCELEROMETER WITH TEDS

SPECIFICATIONS	UNITS
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PHYSICAL

WEIGHT	5.6	grams
SIZE (WIDTH x HEIGHT)	0.48 x .48	inches
MOUNTING	4-40 INTERNAL THD	
CONNECTOR [1]	4-PIN	
MATERIAL, HOUSING/CONNECTOR	TITANIUM ALLOY	

SPECIFICATIONS	3263A1T	3263A2T	3263A3T	UNITS
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PERFORMANCE

SENSITIVITY, $\pm 10\%$ [2]	10	100	50	mV/g
RANGE, F.S. (each axis)	± 500	± 50	100	g
FREQUENCY RESPONSE, -5 / +15%	1.5 to 10000	1.5 to 10000	1.5 to 10000	Hz
ELEMENT NATURAL FREQUENCY, NOM.	40	40	40	kHz
ELECTRICAL NOISE FLOOR (25Hz-25kHz)	.0008	.0006	.0008	grms
(1Hz-10kHz)	.001	.0004	.001	grms
LINEARITY, MAX [3]	1	1	1	% FS
TRANSVERSE SENSITIVITY, MAX	5	5	5	%
SIGNAL POLARITY	POSITIVE FOR MOTION IN DIRECTION OF ARROWS ON HOUSING			

ENVIRONMENTAL

MAXIMUM VIBRATION	± 600	gpk
MAXIMUM SHOCK	5000	gpk
TEMPERATURE RANGE	-60 to +180	°F
ENVIRONMENTAL SEAL	HERMETIC	
COEFFICIENT OF THERMAL SENSITIVITY	.03	%/°F

ELECTRICAL

SUPPLY CURRENT RANGE, (each axis) [4]	2 to 20		mA
COMPLIANCE (SUPPLY) VOLTAGE RANGE (each axis)	+18 to +30		VDC
OUTPUT IMPEDANCE, TYP.	100	150	Ohms
OUTPUT BIAS VOLTAGE, NOM.	+11	+11	VDC
DISCHARGE TIME CONSTANT, NOM.	.7	0.7	sec
GROUND ISOLATION	CASE GROUNDED		
IEPE SENSOR WITH TEDS FEATURE	PER IEEE 1451.4		

- [1] Connector mates with Dytran cable assy. Model 6811Axx. (xx = length in feet)
- [2] Reference sensitivity measured at 100 Hz, 1 grms per ISA RP 37.2
- [3] Linearity is % of specified full scale (or any lesser full scale range), zero-based best fit straight line method.
- [4] Power only with IEPE power unit or other Dytran-compatible constant current type power unit. If power is applied without current limiting protection, the internal amplifier will be immediately destroyed.