

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.
DIMENSIONS APPLY AFTER FINISHING.

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.
DIMENSIONS IN BRACKETS [] ARE IN
MILLIMETERS TOLERANCES ARE:

DECIMALS	METRIC	ANGLES
.XX ±.03	.X ±0.8	ANGLES ±1°
.XXX ±.010	.XX ±0.25	

APPROVALS		DATE
ORIG	PML	09/09/06
CHK	PML	05/11/06
APP	CES	05/04/07

DO NOT SCALE DRAWING


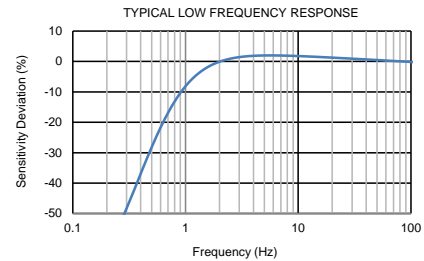
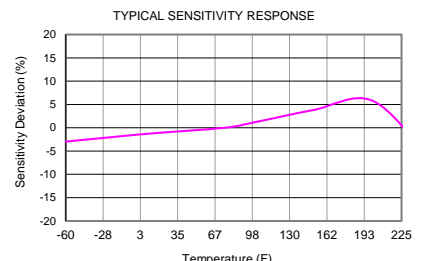
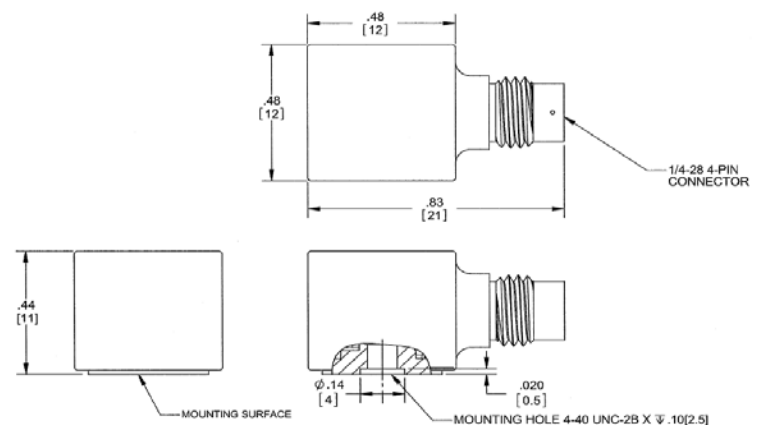

Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION
DRAWING, MODEL 3263AT
ACCELEROMETER**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-3263AT	C

SCALE: 2:1

SHEET 1 OF 1

MODEL NUMBER 3263A3T		PERFORMANCE SPECIFICATION				DOC NO. PS3263A3T																			
		TRIAxIAL ACCELEROMETER, IEPE				REV F, ECN 16994, 01/19/23																			
		<ul style="list-style-type: none">• TRIAXIAL ACCELEROMETER• WITH TEDS FUNCTION• HERMETICALLY SEALED				This family also includes: <table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Range (g pk)</th><th>Resolution (g RMS)</th><th>Oper. Temp(°F)</th><th>TC</th></tr><tr><td>3263A1T</td><td>10</td><td>500</td><td>0.001</td><td>-60 to +250</td><td>0.3 to 1.0</td></tr><tr><td>3263A2T</td><td>100</td><td>50</td><td>0.0004</td><td>-60 to +225</td><td>1.2 to 2.2</td></tr></table>		Model	Sensitivity (mV/g)	Range (g pk)	Resolution (g RMS)	Oper. Temp(°F)	TC	3263A1T	10	500	0.001	-60 to +250	0.3 to 1.0	3263A2T	100	50	0.0004	-60 to +225	1.2 to 2.2
Model	Sensitivity (mV/g)	Range (g pk)	Resolution (g RMS)	Oper. Temp(°F)	TC																				
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3263A2T	100	50	0.0004	-60 to +225	1.2 to 2.2																				
PHYSICAL		ENGLISH		SI		Please, refer to the performance specifications of the products in this family for detailed description.																			
Weight, Max		0.20	oz	5.6	grams	SUPPLIED ACCESSORIES																			
Mounting, Integral Thread		4-40 UNC-2B		4-40 UNC-2B		a) Model 6721 Mounted Stud, 4-40 UNC-2A to 4-40 UNC-2A																			
Connector [1]	Type	4 PIN		4 PIN		Notes:																			
Material Body	Material	Titanium		Titanium		[1] Connector mates with Dytran cable assembly Model 6811AXX (XX= length in feet)																			
Sensing Element	Material	Ceramic		Ceramic		[2] Measured at 100 Hz, 1 grms per ISA RP 37.2.																			
	Mode	Shear		Shear		[3] Measured using zero-based best straight-line method, % of F.S. or any lesser range.																			
PERFORMANCE						[4] Do not apply power to this device without current limiting, 20 mA MAX. To do so will destroy the integral IC amplifier.																			
Sensitivity +/- 10% [2]		50	mV/g	5.1	mV/ m/s ²	[5] In the interest of constant product improvement, we reserve the right to change specifications without notice.																			
Range F.S. For ± 5 Volts Output		± 100	g pk	± 981	m/s ² pk	It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary overtime. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.																			
Frequency Response, ±5%		1.5 to 4000	Hz	1.5 to 4000	Hz																				
Frequency Range, -10% / +15%		1.5 to 10000	Hz	1.5 to 10000	Hz																				
Resonant Frequency		>40	kHz	>40	kHz																				
Linearity Max. [3]		± 1%	%F.S	± 1%	%F.S																				
Transverse Sensitivity, Max.		6%		6%																					
Equivalent Electrical Noise Floor, 25Hz-25kHz		0.0008	g RMS	0.008	m/s ² RMS																				
1Hz-10kHz		0.001	g RMS	0.010	m/s ² RMS																				
Strain Sensitivity @ 250µε		0.02	g/µε	0.20	m/s ² /µε																				
ENVIRONMENTAL																									
Maximum Shock		5000	g pk	49050	m/s ² pk																				
Temperature Range		-60 to +225	°F	-51 to 107	°C																				
TEDs Operating Temperature Range		-40 to +185	°F	-40 to +85	°C																				
Seal		Hermetic		Hermetic																					
ELECTRICAL																									
Supply Current [4]		2 to 20	mA	2 to 20	mA																				
Compliance Voltage Range		+18 to +30	V	+18 to +30	V																				
Output Impedance, Typ.		150	Ω	150	Ω																				
Bias Voltage		+11 to +13	VDC	+11 to +13	VDC																				
Discharge Time Constant		0.3 to 1.0	sec	0.3 to 1.0	sec																				
Ground Isolation		Case Grounded		Case Grounded																					
IEPE Sensor with TEDS feature		IEEE 1451.4		IEEE 1451.4																					
						Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3263AT for more information.																			
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