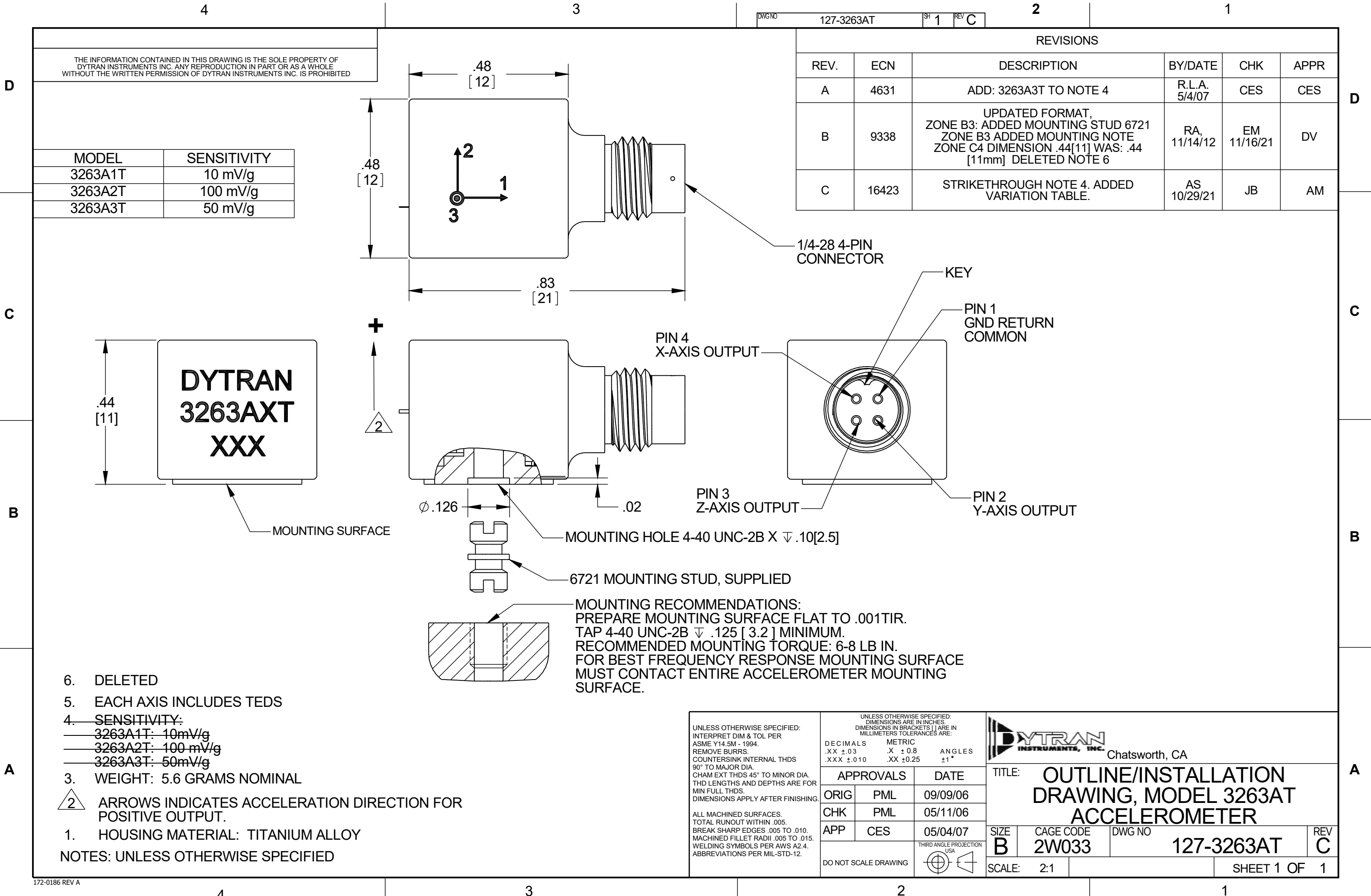
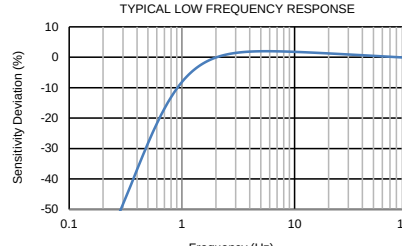
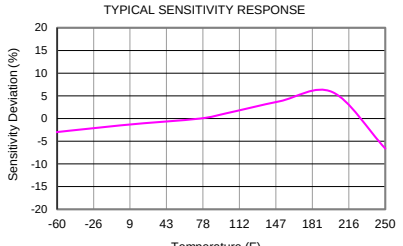
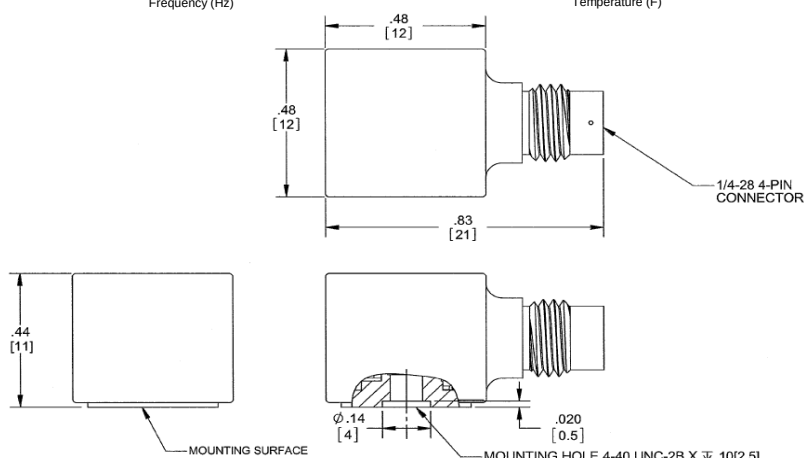




MODEL NUMBER 3263A1T		PERFORMANCE SPECIFICATION				DOC NO. PS3263A1T																			
		TRIAxIAL ACCELEROMETER, IEPE				REV E, ECN 16994, 01/19/23																			
		• TRIAXIAL ACCELEROMETER • WITH TEDS FUNCTION • HERMETICALLY SEALED				This family also includes: <table><thead><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Range (g pk)</th><th>Resolution (g RMS)</th><th>Oper. Temp(°F)</th><th>TC</th></tr></thead><tbody><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><tr><td>3263A3T</td><td>50</td><td>100</td><td>0.001</td><td>-60 to +225</td><td>0.3 to 1.0</td></tr></tbody></table>		Model	Sensitivity (mV/g)	Range (g pk)	Resolution (g RMS)	Oper. Temp(°F)	TC	3263A2T	100	50	0.0004	-60 to +225	1.2 to 2.2	3263A3T	50	100	0.001	-60 to +225	0.3 to 1.0
Model	Sensitivity (mV/g)	Range (g pk)	Resolution (g RMS)	Oper. Temp(°F)	TC																				
3263A2T	100	50	0.0004	-60 to +225	1.2 to 2.2																				
3263A3T	50	100	0.001	-60 to +225	0.3 to 1.0																				
PHYSICAL Weight, Max Mounting, Integral Thread Connector [1] Material Body Sensing Element		Type																							
		ENGLISH		SI																					
		0.20	oz	5.6	grams																				
		4-40 UNC-2B		4-40 UNC-2B																					
		4 PIN		4 PIN																					
		Titanium		Titanium																					
		Ceramic		Ceramic																					
		Shear		Shear																					
PERFORMANCE Sensitivity +/- 10% [2] Range F.S. For ± 5 Volts Output Frequency Range, -5% / +15% Resonant Frequency Linearity Max. [3] Transverse Sensitivity, Max. Equivalent Electrical Noise Floor, Spectral Noise Strain Sensitivity @ 250µε																									
		10	mV/g	1.0	mV/ m/s ²																				
		± 500	g pk	± 4900	m/s ² pk																				
		1.5 to 10000	Hz	1.5 to 10000	Hz																				
		>40	kHz	>40	kHz																				
		± 1%	%F.S	± 1%	%F.S																				
		6%		6%																					
25Hz-25kHz		0.0008	g RMS	0.008	m/s ² RMS																				
1Hz-10kHz		0.008	g RMS	0.08	m/s ² RMS																				
1Hz		1000	µg RMS/√(Hz)	9810	µm/s ² RMS/√(Hz)																				
10Hz		500	µg RMS/√(Hz)	4905	µm/s ² RMS/√(Hz)																				
100Hz		100	µg RMS/√(Hz)	981	µm/s ² RMS/√(Hz)																				
1000Hz		90	µg RMS/√(Hz)	883	µm/s ² RMS/√(Hz)																				
10000Hz		50	µg RMS/√(Hz)	491	µm/s ² RMS/√(Hz)																				
		0.02	g/µε	0.20	m/s ² /µε																				
ENVIRONMENTAL Maximum Shock Temperature Range TEDs Operating Temperature Range Seal																									
		5000	±gpk	49050	± m/s ² pk																				
		-60 to +250	°F	-51 to 121	°C																				
		-40 to +185	°F	-40 to +85	°C																				
		Hermetic		Hermetic																					
ELECTRICAL Supply Current [4] Compliance Voltage Range Output Impedance, Typ. Bias Voltage Discharge Time Constant Ground Isolation IEPE Sensor with TEDS feature																									
		2 to 20	mA	2 to 20	mA																				
		+18 to +30	V	+18 to +30	V																				
		150	Ω	150	Ω																				
		+11 to +13	VDC	+11 to +13	VDC																				
		0.3 to 1.0	sec	0.3 to 1.0	sec																				
		Case Grounded		Case Grounded																					
		IEEE 1451.4		IEEE 1451.4																					
		TYPICAL LOW FREQUENCY RESPONSE  TYPICAL SENSITIVITY RESPONSE 																							
		 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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