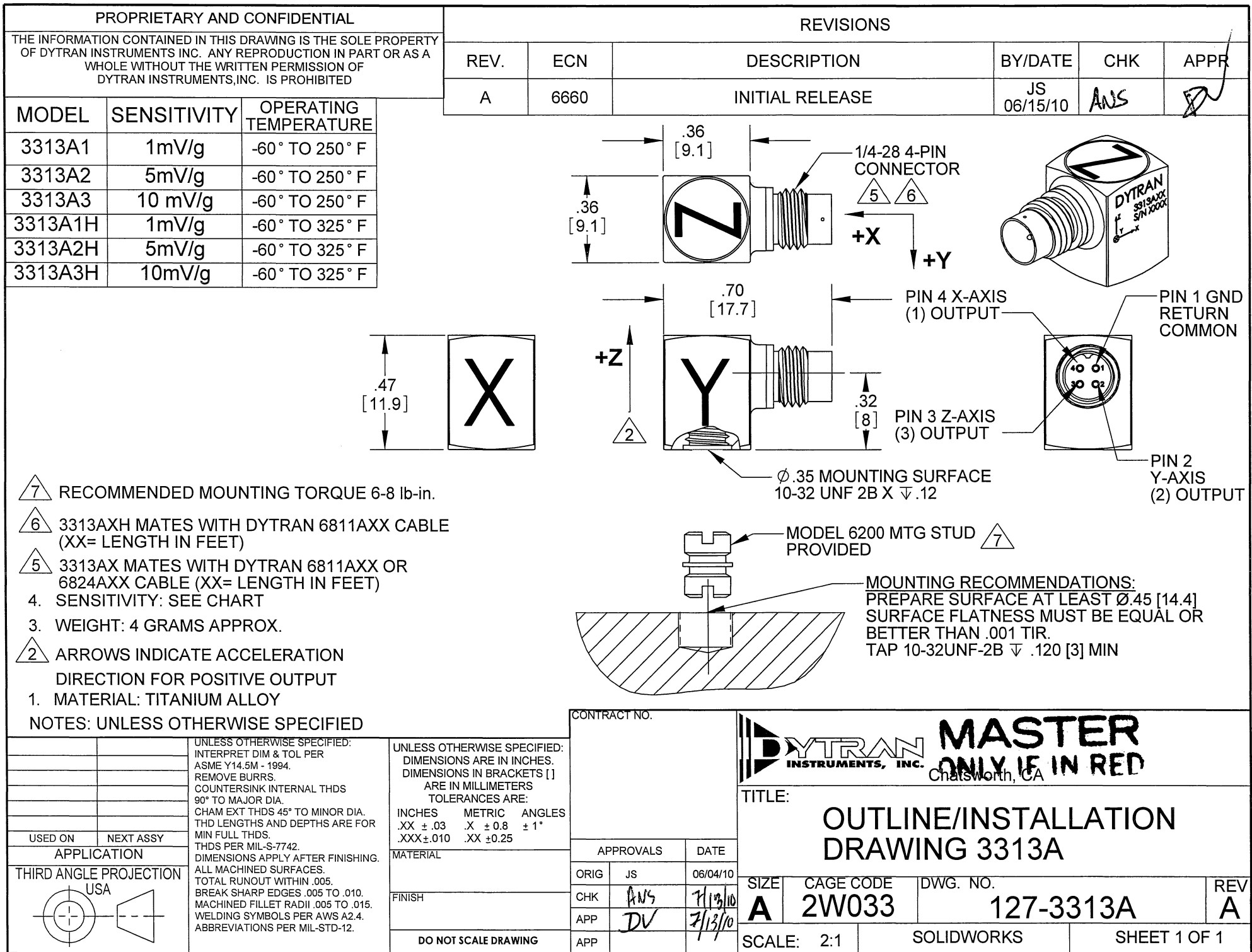
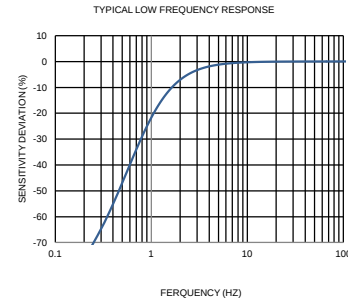
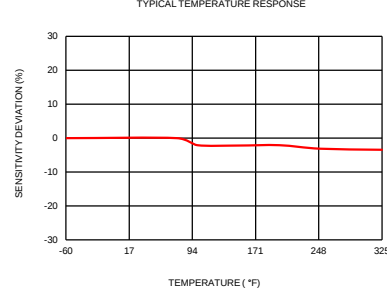
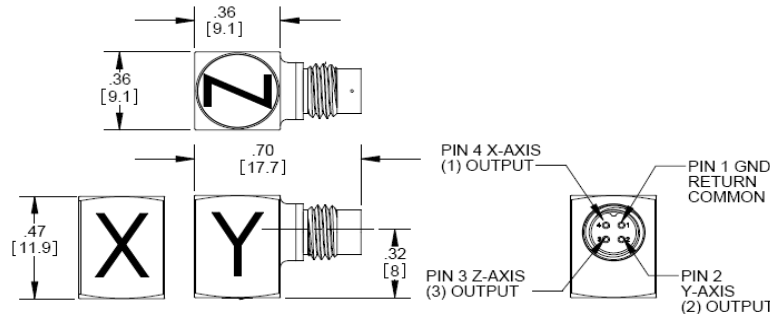




Model Number 3313A3H	PERFORMANCE SPECIFICATION				DOC NO PS3313A3H														
	TRIAxIAL IEPE ACCELEROMETER				REV C, ECN 8872, 07/16/12														
	• WEIGHT ONLY 4 GRAMS • EXCELLENT LINEARITY • TEMPERATURE STABILITY • HERMETICALLY SEALED																		
	ENGLISH		SI																
PHYSICAL Weight Connector Mounting Provision Material : Housing / Connector Element Style	0.14	oz	4	grams															
	1/4-28, 4 - Pin		1/4-28, 4 - Pin																
	10-32		10-32																
	Titanium		Titanium																
	Qauartz Planar Shear		Qauartz Planar Shear																
PERFORMANCE Sensitivity, $\pm 10\%$ [1] Range F.S (each axis) Frequency Response, $\pm 15\%$ Equivalent Natural Frequency Equivalent Electrical Noise Linearity [2] Maximum Transverse sensitivity Signal Polarity [3]	10	mV/g	1.02	mV/m/s ²															
	± 500	g	± 4905	m/s ²															
	1.2 to 10000	Hz	1.2 to 10000	Hz															
	> 30	kHz	> 30	kHz															
	0.007	grms	0.07	m/s ² rms															
	± 1	% F.S.	± 1	% F.S.															
	5	%	5	%															
	Positive		Positive																
ENVIRONMENTAL Maximum Vibration Maximum Shock Temperature Range Seal Base Strain	± 600	g's,peak	± 5886	m/s ² , peak															
	± 5000	g's,peak	± 49050	m/s ² , peak															
	-60 to +325	°F	-51 to +162	°C															
	Hermetic		Hermetic																
	0.006	g/ $\mu\epsilon$	0.06	m/s ² / $\mu\epsilon$															
Electrical Supply Current Range Compliance (Supply) Voltage Range Output Impedance, Typ Bias Voltage Discharge Tme Constant, Nom Gorund Isolation	2 to 20	mA	2 to 20	mA															
	+ 18 to +30	Volts	+ 18 to +30	Volts															
	100	Ω	100	Ω															
	+7 to +9	VDC	+7 to +9	VDC															
	0.2 to 1.0	Sec	0.2 to 1.0	Sec															
	Case Ground		Case Ground																
This family also includes: <table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Range F.S (g)</th><th>Time Constant (sec)</th><th>Operating Temperature (°F)</th></tr><tr><td>3313A1H</td><td>1</td><td>± 5000</td><td>0.2 to 1.0</td><td>-60 to +325</td></tr><tr><td>3313A2H</td><td>5</td><td>± 1000</td><td>0.2 to 1.0</td><td>-60 to +325</td></tr></table>					Model	Sensitivity (mV/g)	Range F.S (g)	Time Constant (sec)	Operating Temperature (°F)	3313A1H	1	± 5000	0.2 to 1.0	-60 to +325	3313A2H	5	± 1000	0.2 to 1.0	-60 to +325
Model	Sensitivity (mV/g)	Range F.S (g)	Time Constant (sec)	Operating Temperature (°F)															
3313A1H	1	± 5000	0.2 to 1.0	-60 to +325															
3313A2H	5	± 1000	0.2 to 1.0	-60 to +325															
Please, refer to the performance specifications of the products in this family for detailed description																			
Supplied Accessories: 1) Accredited calibration certificate (ISO 17025) 2) Model 6160 mounting stud																			
Notes: [1] Measure at 100Hz, 1 grms per ISA RP 37.2 [2] Measure using zero-based straight line method, % of F.S. or any lesser range. [3] For motion in direction of arrows on housing. [4] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier. [5] In the interest of constant product improvement, we reserve the right to change specifications without notice. [6] Mates with Dytran 6811AXX (XX = Length in feet)																			
 TYPICAL LOW FREQUENCY RESPONSE  TYPICAL TEMPERATURE RESPONSE																			
																			
Units on the line drawing are in inches. Refer to 127-3313AH for more information.																			



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