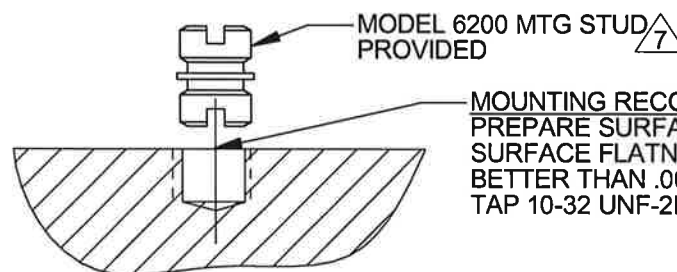
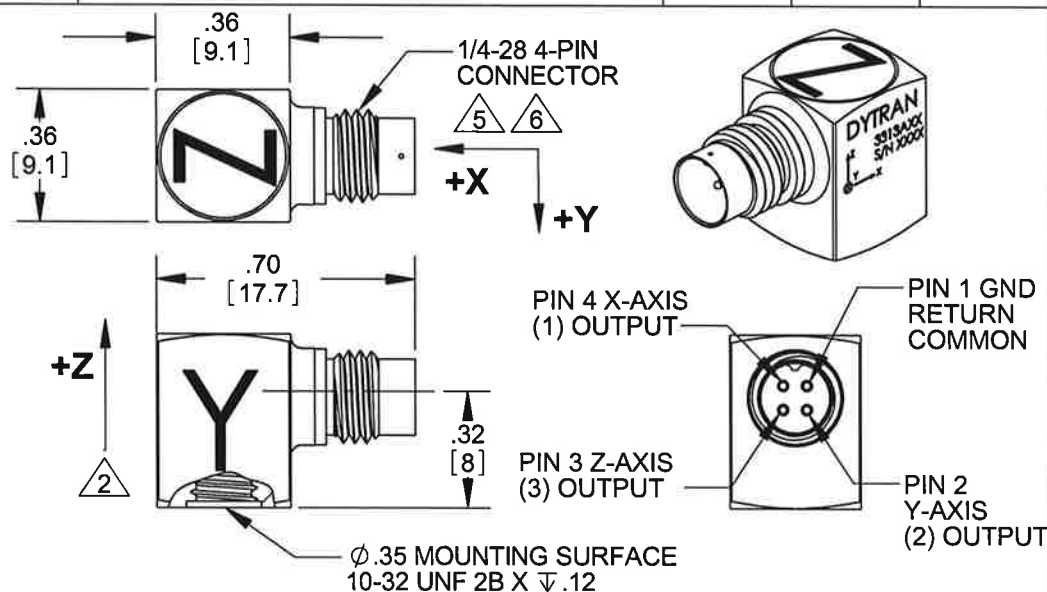
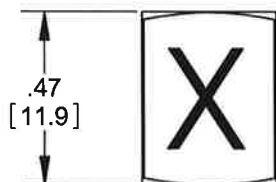


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MODEL	SENSITIVITY	OPERATING TEMPERATURE
3313A1	1 mV/g	-60° TO 250° F
3313A2	5 mV/g	-60° TO 250° F
3313A3	10 mV/g	-60° TO 250° F
3313A1H	1 mV/g	-60° TO 325° F
3313A2H	5 mV/g	-60° TO 325° F
3313A3H	10 mV/g	-60° TO 325° F
3313A4	5 mV/g	-320° TO 250° F

REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	13192	NOTE 6: IS:...DYTRAN 6967AXX, WAS...DYTRAN 6811AXX	EM 12/21/16	W	AS



- 7 RECOMMENDED MOUNTING TORQUE 6-8 lb-in.
- 6 3313AXH MATES WITH DYTRAN 6967AXX CABLE (XX= LENGTH IN FEET)
- 5 3313AX MATES WITH DYTRAN 6811AXX OR 6824AXX CABLE (XX= LENGTH IN FEET)
4. SENSITIVITY: SEE CHART
3. WEIGHT: 4 GRAMS APPROX.
- 2 ARROWS INDICATE ACCELERATION DIRECTION FOR POSITIVE OUTPUT
1. MATERIAL: TITANIUM ALLOY
- NOTES: UNLESS OTHERWISE SPECIFIED


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. 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.	
USED ON	NEXT ASSY
APPLICATION	
THIRD ANGLE PROJECTION USA	

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS TOLERANCES ARE: INCHES METRIC ANGLES .XX ± .03 .X ± 0.8 ± 1° .XXX ± .010 .XX ± 0.25	
MATERIAL	
FINISH	
DO NOT SCALE DRAWING	

CONTRACT NO.



TITLE: OUTLINE/INSTALLATION DRAWING, 3313A SERIES			
SIZE A	CAGE CODE 2W033	DWG. NO. 127-3313A	REV C
SCALE: 2:1		SOLIDWORKS	SHEET 1 OF 1

Model Number 3313A3H		PERFORMANCE SPECIFICATION				DOC NO PS3313A3H	
		TRIAXIAL IEPE ACCELEROMETER				REV E, ECN 14341, 07/13/18	
		<ul style="list-style-type: none"><li>• WEIGHT ONLY 4 GRAMS</li><li>• EXCELLENT LINEARITY</li><li>• TEMPERATURE STABILITY</li><li>• HERMETICALLY SEALED</li></ul>					
		ENGLISH		SI			
		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			
<b>PHYSICAL</b>							
Weight							
Connector							
Mounting Provision		Tapped Hole					
Material : Housing / Connector							
Element Style							
<b>PERFORMANCE</b>							
Sensitivity, $\pm 10\%$ [1]		10	mV/g	1.02	mV/m/s <sup>2</sup>		
Range F.S (each axis)		$\pm 500$	g	$\pm 4905$	m/s <sup>2</sup>		
Frequency Response, $\pm 15\%$		1.2 to 10000	Hz	1.2 to 10000	Hz		
Equivalent Natural Frequency		> 30	kHz	> 30	kHz		
Equivalent Electrical Noise [7]		0.007	grms	0.07	m/s <sup>2</sup> rms		
Linearity [2]		$\pm 1$	% F.S.	$\pm 1$	% F.S.		
Maximum Transverse sensitivity		5	%	5	%		
Signal Polarity [3]		Positive		Positive			
<b>ENVIRONMENTAL</b>							
Maximum Vibration		$\pm 600$	g's, peak	$\pm 5886$	m/s <sup>2</sup> , peak		
Maximum Shock		$\pm 5000$	g's, peak	$\pm 49050$	m/s <sup>2</sup> , peak		
Temperature Range		-60 to +325	*F	-51 to +162	*C		
Seal		Hermetic		Hermetic			
Base Strain		0.006	g/ $\mu\epsilon$	0.06	m/s <sup>2</sup> / $\mu\epsilon$		
<b>Electrical</b>							
Supply Current Range		2 to 20	mA	2 to 20	mA		
Compliance (Supply) Voltage Range		+ 18 to +30	Volts	+ 18 to +30	Volts		
Output Impedence, Typ		100	$\Omega$	100	$\Omega$		
Bias Voltage		+7 to +9	VDC	+7 to +9	VDC		
Discharge Tme Constant, Nom		0.2 to 1.0	Sec	0.2 to 1.0	Sec		
Gorund Isolation		Case Ground		Case Ground			



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