

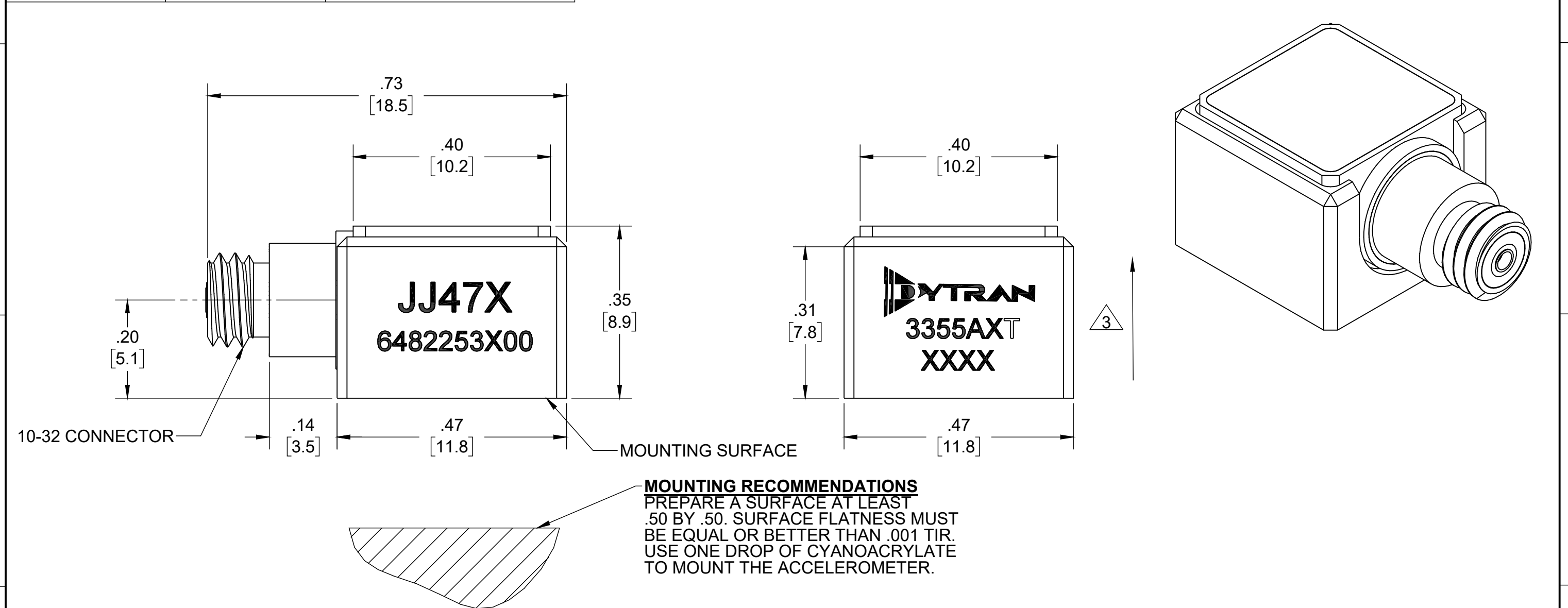
DWG NO	127-3355A	SH 1	REV A
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MODEL	SENSITIVITY	AIRBUS IDENTIFICATION
3355A1T	5mV/G	JJ475; 6482253200
3355A2T	50mV/G	JJ474; 6482253100
3355A3T	500mV/G	JJ473; 6482253500

REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	16736	INITIAL RELEASE, SAME AS REV X2	AS 01/18/24	DM	JB



4. MINOR VOIDS, SCARS, SCRATCHES AND MOUNTING BLEMISH/WITNESS MARKS ON EXTERIOR SURFACES ARE ALLOWED DUE TO RESTRAINING AND HANDLING DURING TESTING, TRANSPORT OR PROCESSING. THESE APPEAR AS INDICATORS THAT DO NOT AFFECT FORM, FIT OR FUNCTION AS INTENDED BY DESIGN OR APPLICATION.

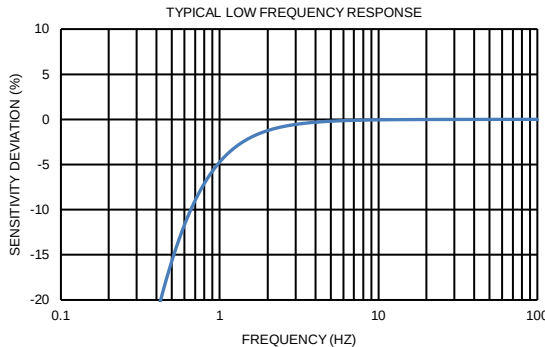
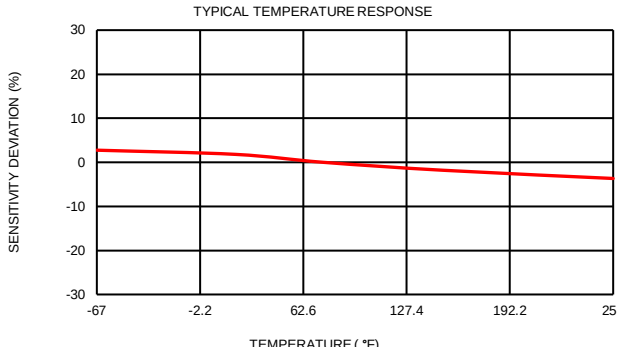
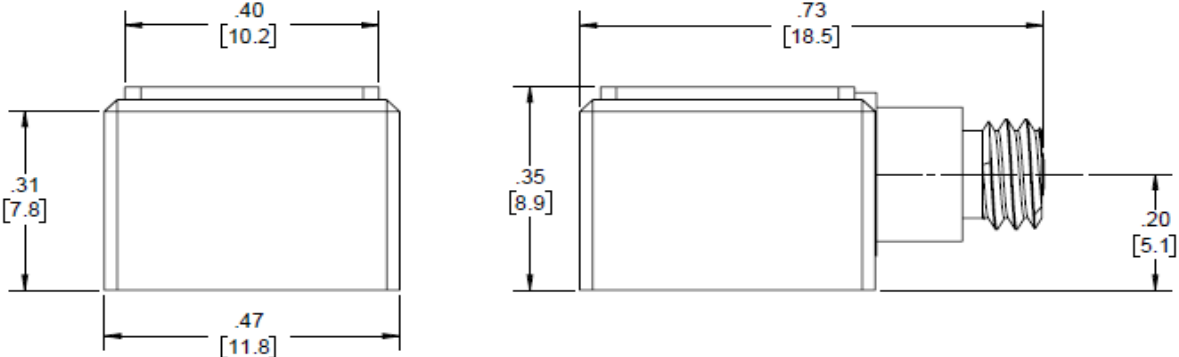
3 ARROW SHOWS ACCELERATION DIRECTION FOR POSITIVE OUTPUT

2. WEIGHT: 5.3 GRAMS

1. HOUSING/CONNECTOR MATERIAL: TITANIUM ISOLATION CUP: ALUMINUM ALLOY 6061-T6, BLACK ANODIZED.

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. 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: <table><tr><td>DECIMALS</td><td colspan="2">METRIC</td><td>ANGLES</td></tr><tr><td>.XX ±.03</td><td>.X ± 0.8</td><td></td></tr><tr><td>.XXX ±0.10</td><td>.XX ±0.25</td><td>±1°</td></tr></table>			DECIMALS	METRIC		ANGLES	.XX ±.03	.X ± 0.8		.XXX ±0.10	.XX ±0.25	±1°	 Chatsworth, CA
	DECIMALS	METRIC		ANGLES										
	.XX ±.03	.X ± 0.8												
	.XXX ±0.10	.XX ±0.25	±1°											
	APPROVALS		DATE	TITLE: OUTLINE/INSTALLATION DRAWING, 3355A SERIES										
ORIG	AS	02/25/22												
CHK	JB	02/28/22												
APP	JB	01/31/24												
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION USA 	<table><tr><td>SIZE B</td><td>CAGE CODE 2W033</td><td>DWG NO 127-3355A</td><td>REV A</td></tr></table>		SIZE B	CAGE CODE 2W033	DWG NO 127-3355A	REV A						
SIZE B	CAGE CODE 2W033	DWG NO 127-3355A	REV A											
SCALE: 5:1			SHEET 1 OF 1											

Model Number 3355A2T		PERFORMANCE SPECIFICATIONS				DOC NO PS3355A2T	
		IEPE ACCELEROMETER				REV A, ECN16736, 01/18/24	
 • MINIATURE SIZE • HERMETICALLY SEALED • EXCELLENT LINEARITY • BASE ISOLATED • TEDS FEATURE							
		This family also includes:					
		Model	Sensitivity (mV/g)	Frequency Response, ±5% (Hz)	Time Constant (Sec)	Operating Temp (°F)	
		3355A1T	5	0.3 to 5000	0.6 to 2.5	-67 to +257	
		3355A3T	500	0.3 to 5000	0.6 to 2.5	-67 to +257	
		Refer to the performance specifications of the products in this family for detailed description					
		Supplied Accessories: 1) Accredited calibration certificate (ISO 17025)					
		Notes: [1] All specifications are at room temperature unless otherwise specified. [2] Measure using zero-based straight line method, % of F.S. or any lesser range. [3] Do not apply power to this system without current limiting, 20 mA MAX. To do so will destroy the IC charge amplifier. [4] In the interest of constant product improvement, we reserve the right to change specifications without notice. □ 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 over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.					
PHYSICAL Weight Connector Mounting Provision Material, Housing/Connector Material, Isolation Cup Sensing Element Element Style	Type	ENGLISH		SI			
		0.19 10-32 Coaxial Adhesive Titanium Anodized Aluminum Quartz Planar Shear	oz	5.3 10-32 Coaxial Adhesive Titanium Anodized Aluminum Quartz Planar Shear	grams		
PERFORMANCE Sensitivity, ±5% Range for ± 5 Volts Output Frequency Response, ±5% ±15% Resonant Frequency Broad Band Resolution Spectral Noise 1Hz 10Hz 100Hz 1000Hz 10000Hz Linearity [2] Maximum Transverse sensitivity Strain Sensitivity @ 250µε		50 ±100 1 to 5000 0.15 to 10,000 > 35 0.0022 600 96 38 21.2 12.5 ±1% 5 0.04	mV/g g pk Hz Hz kHz g RMS µg RMS/√(Hz) µg RMS/√(Hz) µg RMS/√(Hz) µg RMS/√(Hz) µg RMS/√(Hz) % F.S. % g/µε	5.10 ±981 1 to 5000 0.15 to 10,000 > 35 0.022 5886 944.21 367.88 208.46 122.63 ±1% 5 0.39	mV/m/s ² m/s ² pk Hz Hz kHz m/s ² RMS µm/s ² RMS/√(Hz) µm/s ² RMS/√(Hz) µm/s ² RMS/√(Hz) µm/s ² RMS/√(Hz) µm/s ² RMS/√(Hz) % F.S. % m/s ² /µε		
ENVIRONMENTAL Maximum Shock Temperature Range Seal		±5000 -67 to +257 Hermetic	g pk °F	±49050 -55 to +125 Hermetic	m/s ² pk °C		
ELECTRICAL Supply Current Range [3] Compliance Voltage Range Output Impedance, Typ Bias Voltage Discharge Time Constant Electrical Isolation TEDS Feature		2 to 20 +18 to +30 100 +6 to +13 0.6 to 2.5 10 IEEE 1451.5	mA Volts Ω VDC Sec GΩ, min	2 to 20 +18 to +30 100 +6 to +13 0.6 to 2.5 10 IEEE 1451.5	mA Volts Ω VDC Sec GΩ, min		
		  					
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3355A for more information.					



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