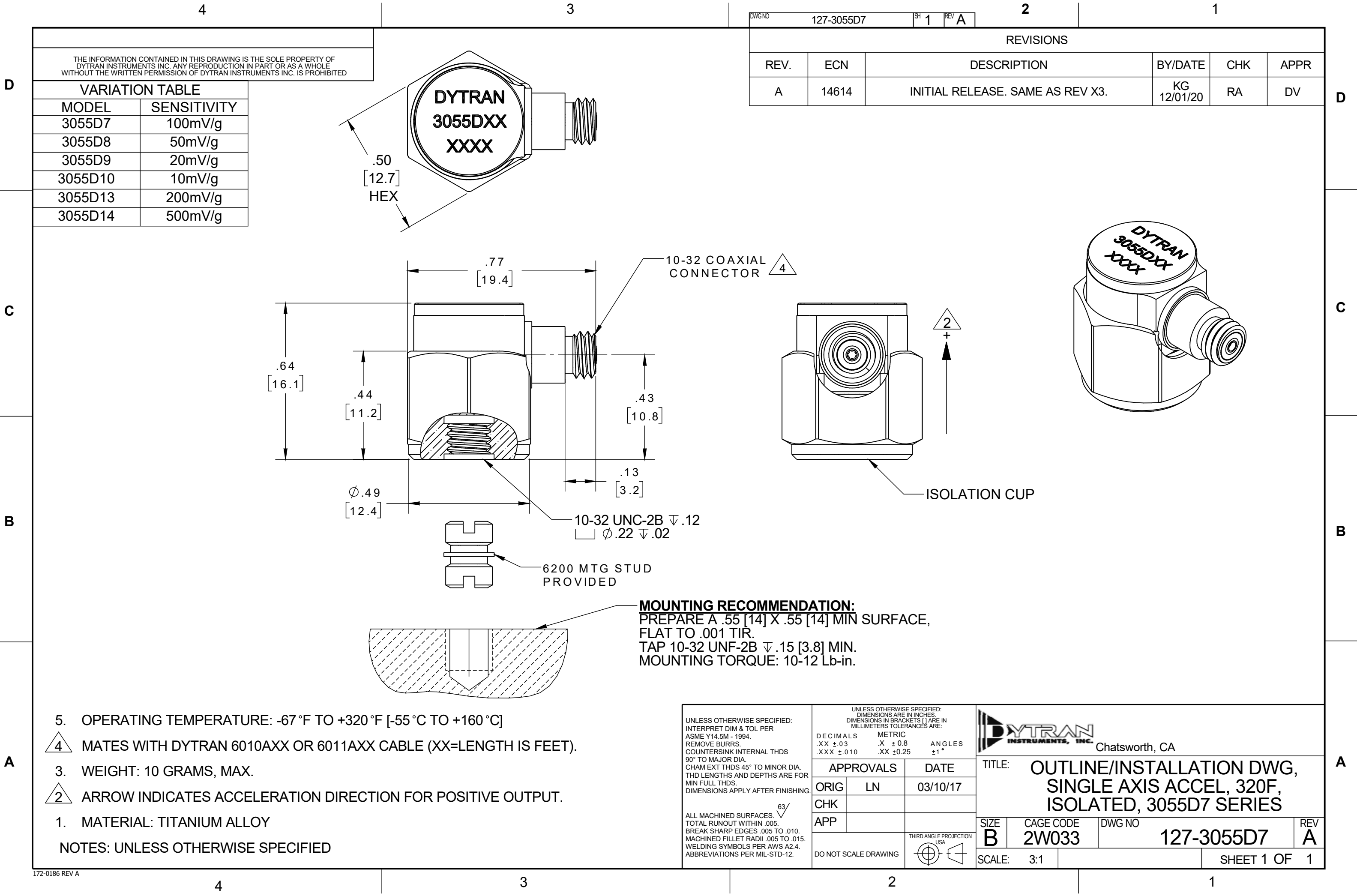




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VARIATION TABLE	
MODEL	SENSITIVITY
3055D7	100mV/g
3055D8	50mV/g
3055D9	20mV/g
3055D10	10mV/g
3055D13	200mV/g
3055D14	500mV/g

REV.		ECN	DESCRIPTION	BY/DATE	CHK	APPR
A		14614	INITIAL RELEASE. SAME AS REV X3.	KG 12/01/20	RA	DV

5. OPERATING TEMPERATURE: -67°F TO +320°F [-55°C TO +160°C]
4. MATES WITH DYTRAN 6010AXX OR 6011AXX CABLE (XX=LENGTH IS FEET).
3. WEIGHT: 10 GRAMS, MAX.
2. ARROW INDICATES ACCELERATION DIRECTION FOR POSITIVE OUTPUT.
1. MATERIAL: TITANIUM ALLOY
- NOTES: UNLESS OTHERWISE SPECIFIED

MOUNTING RECOMMENDATION:
PREPARE A .55 [14] X .55 [14] MIN SURFACE,
FLAT TO .001 TIR.
TAP 10-32 UNF-2B ∇ .15 [3.8] MIN.
MOUNTING TORQUE: 10-12 Lb-in.

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:

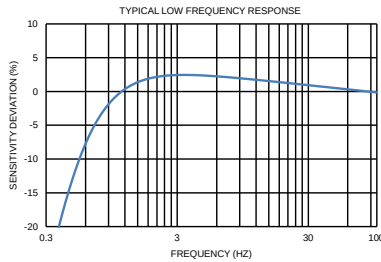
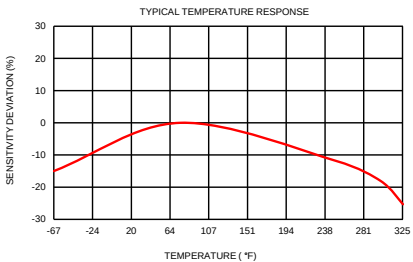
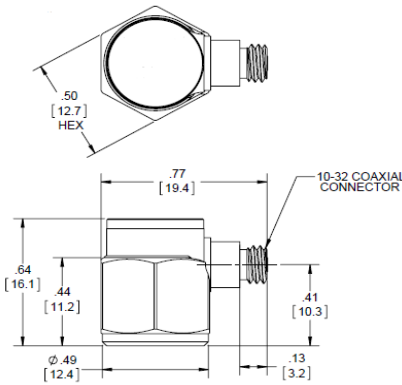
DECIMALS	METRIC	ANGLES
.XX $\pm$.03	.X $\pm$ 0.8	ANGLES $\pm$ 1°
.XXX $\pm$.010	.XX $\pm$ 0.25	

APPROVALS		DATE
ORIG	LN	03/10/17
CHK		
APP		
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION USA

DYTRAN
INSTRUMENTS, INC. Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DWG,
SINGLE AXIS ACCEL, 320F,
ISOLATED, 3055D7 SERIES**

SIZE B	CAGE CODE 2W033	DWG NO 127-3055D7	REV A
SCALE: 3:1		SHEET 1 OF 1	

Model Number 3055D14		PERFORMANCE SPECIFICATIONS				DOC NO PS3055D14																																			
		IEPE ACCELEROMETER				REV C, ECN 16427, 12/09/21																																			
		• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • HERMETICALLY SEALED				This family also includes: <table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Frequency Response, ±10% (Hz)</th><th>Time Constant (Sec)</th><th>Operating Temp (°F)</th></tr><tr><td>3055D7</td><td>100</td><td>1 to 10000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3055D8</td><td>50</td><td>1 to 10000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3055D9</td><td>20</td><td>1 to 10000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3055D10</td><td>10</td><td>1 to 10000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr><tr><td>3055D13</td><td>200</td><td>1 to 10000</td><td>0.5 to 1.5</td><td>-67 to +325</td></tr></table>		Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)	3055D7	100	1 to 10000	0.5 to 1.5	-67 to +325	3055D8	50	1 to 10000	0.5 to 1.5	-67 to +325	3055D9	20	1 to 10000	0.5 to 1.5	-67 to +325	3055D10	10	1 to 10000	0.5 to 1.5	-67 to +325	3055D13	200	1 to 10000	0.5 to 1.5	-67 to +325				
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		Refer to the performance specifications of the products in this family for detailed description																																							
		Supplied Accessories: 1) Accredited calibration certificate (ISO 17025) 2) Model 6200 mounting stud, qty 1																																							
		Notes: [1] All specifications are at room temperature unless otherwise specified. [2] Measured at 100Hz, 1 g RMS per ISA RP 37.2. [3] Measure using zero-based straight line method, % of F.S. or any lesser range. [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. 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 Sensing Element Element Style		Type Tapped Hole	<table><thead><tr><th colspan="2">ENGLISH</th><th colspan="2">SI</th></tr></thead><tbody><tr><td>0.35</td><td>oz</td><td>10</td><td>grams</td></tr><tr><td>10-32</td><td></td><td>10-32</td><td></td></tr><tr><td>10-32 Tapped hole</td><td></td><td>10-32 Tapped hole</td><td></td></tr><tr><td>Titanium</td><td></td><td>Titanium</td><td></td></tr><tr><td>Ceramic</td><td></td><td>Ceramic</td><td></td></tr><tr><td>Planar Shear</td><td></td><td>Planar Shear</td><td></td></tr></tbody></table>				ENGLISH		SI		0.35	oz	10	grams	10-32		10-32		10-32 Tapped hole		10-32 Tapped hole		Titanium		Titanium		Ceramic		Ceramic		Planar Shear		Planar Shear								
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		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3055D7 for more information.																																							



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