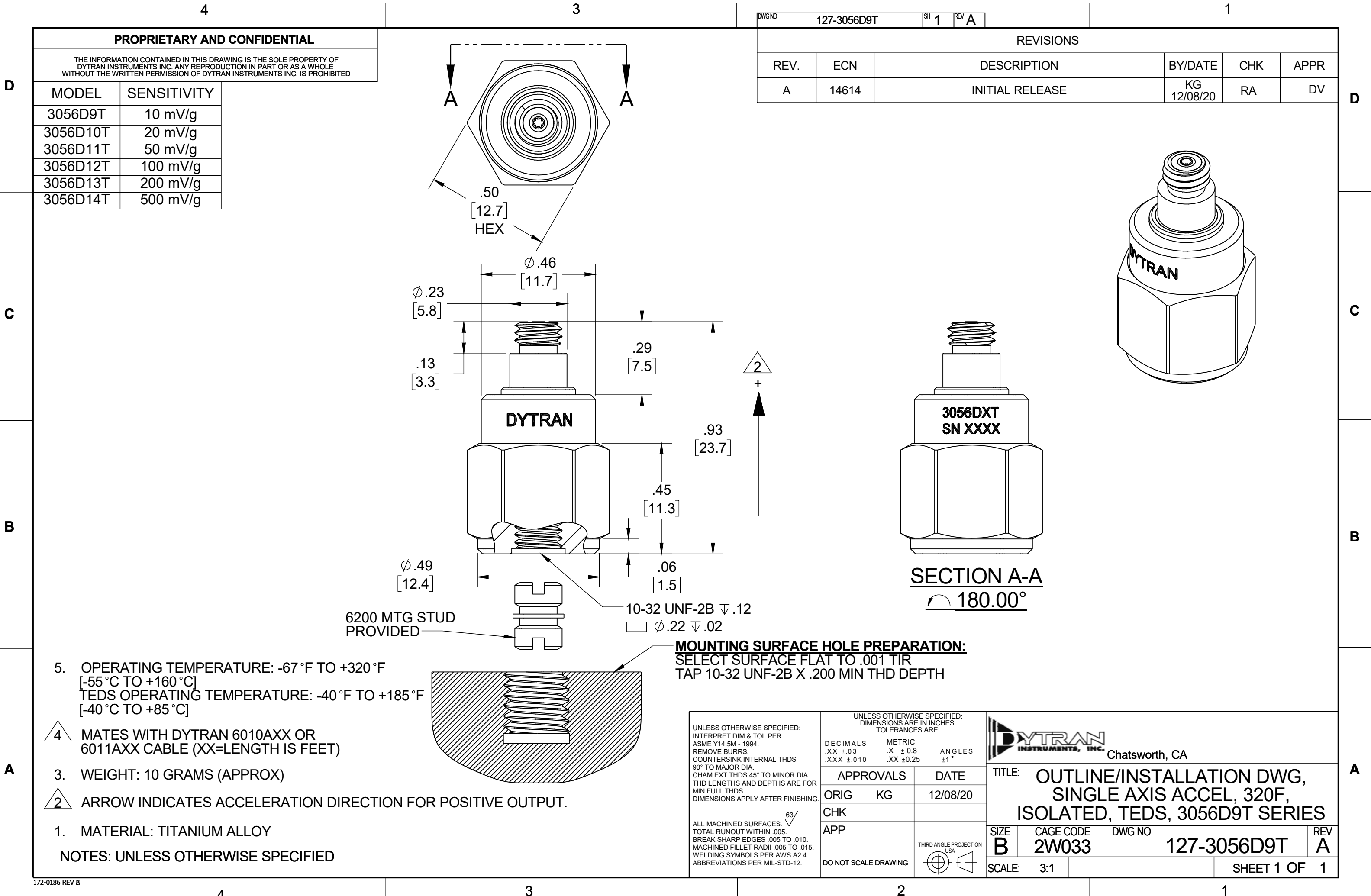




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DWGNO 127-3056D9T SH 1 REV A

1

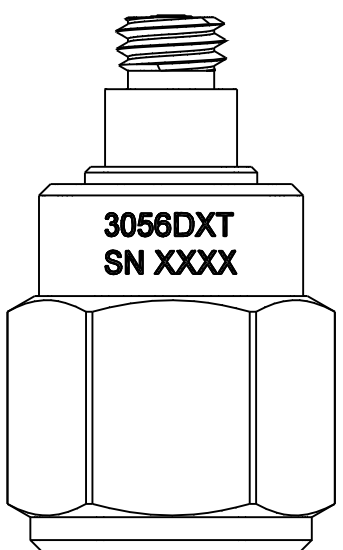
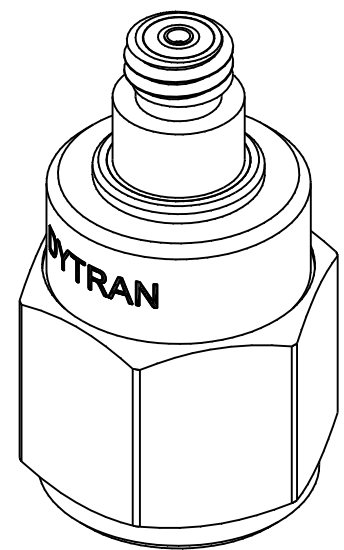
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	14614	INITIAL RELEASE	KG 12/08/20	RA	DV

MODEL	SENSITIVITY
3056D9T	10 mV/g
3056D10T	20 mV/g
3056D11T	50 mV/g
3056D12T	100 mV/g
3056D13T	200 mV/g
3056D14T	500 mV/g



SECTION A-A
180.00°

6200 MTG STUD PROVIDED

10-32 UNF-2B ∇ .12
 $\square$ ϕ .22 ∇ .02

MOUNTING SURFACE HOLE PREPARATION:
SELECT SURFACE FLAT TO .001 TIR
TAP 10-32 UNF-2B X .200 MIN THD DEPTH

5. OPERATING TEMPERATURE: -67 °F TO +320 °F
[-55 °C TO +160 °C]
TEDS OPERATING TEMPERATURE: -40 °F TO +185 °F
[-40 °C TO +85 °C]

4 MATES WITH DYTRAN 6010AXX OR 6011AXX CABLE (XX=LENGTH IS FEET)

3. WEIGHT: 10 GRAMS (APPROX)

2 ARROW INDICATES 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.
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.
TOLERANCES ARE:

DECIMALS	METRIC	ANGLES
.XX $\pm$.03	.X $\pm$ 0.8	ANGLES $\pm$ 1°
.XXX $\pm$ 0.10	.XX $\pm$ 0.25	

APPROVALS		DATE
ORIG	KG	12/08/20
CHK		
APP		

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
USA

DYTRAN
INSTRUMENTS, INC. Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DWG,
SINGLE AXIS ACCEL, 320F,
ISOLATED, TEDS, 3056D9T SERIES**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-3056D9T	A

SCALE: 3:1

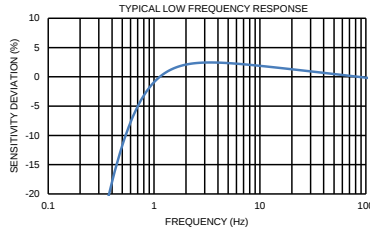
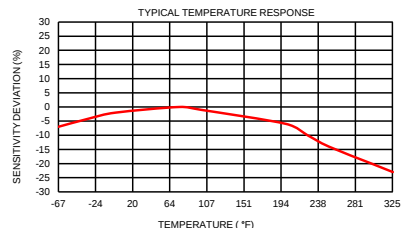
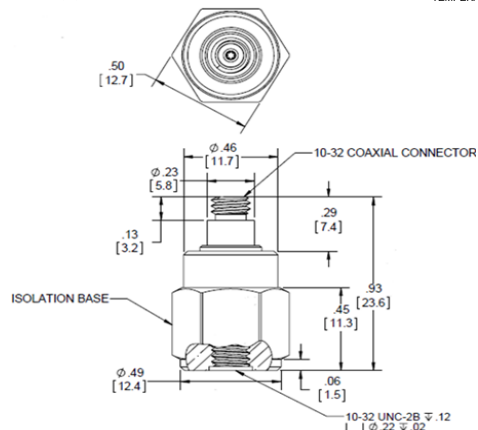
SHEET 1 OF 1

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Model Number		PERFORMANCE SPECIFICATIONS				DOC NO				
3056D14T						PS3056D14T				
		IEPE ACCELEROMETER				REV B, ECN 16090, 03/02/21				
	• -67 °F TO +325°F OPERATION • BASE ISOLATED • IDEAL LOW FREQUENCY RESPONSE • HERMETICALLY SEALED					This family also includes:				
						Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)
						3056D9T	10	1 to 10000	0.5 to 1.5	-67 to +325
						3056D10T	20	1 to 10000	0.5 to 1.5	-67 to +325
						3056D11T	50	1 to 10000	0.5 to 1.5	-67 to +325
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.										
TYPICAL LOW FREQUENCY RESPONSE										
TYPICAL TEMPERATURE RESPONSE										
										
Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3056D9T for more information.										

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