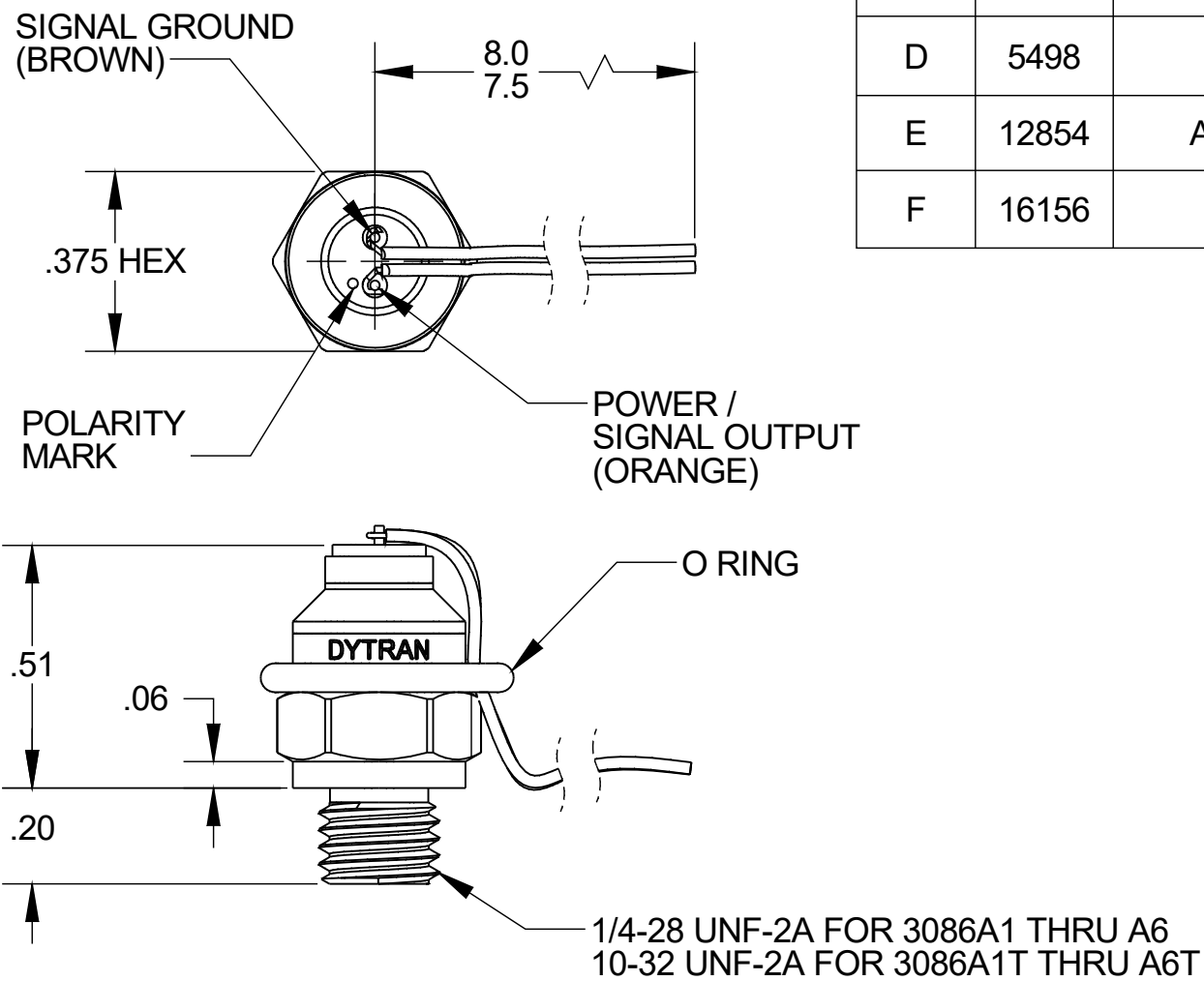
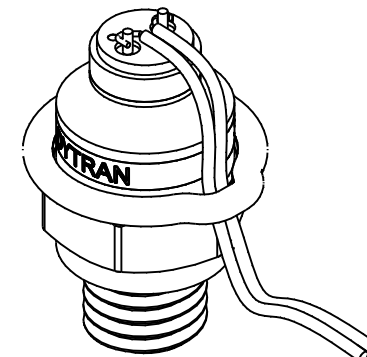


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REVISIONS

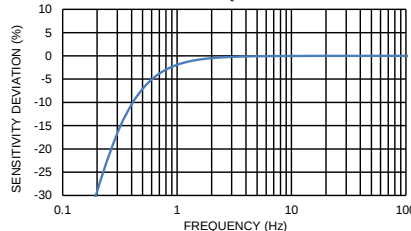
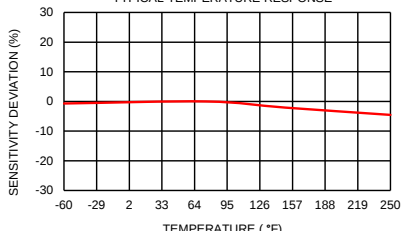
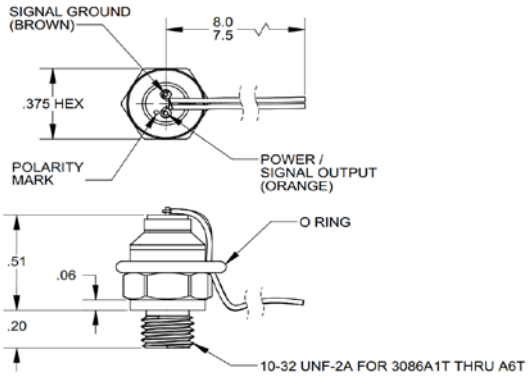
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	5057	IS:1/4-28 UNF-2A FOR 3086A1 THRU A6 10-32 UNF-2A FOR 3086A1T THRU A6T WAS: 1/4-28 UNF-2A	RA, 2/13/08	JS	JS
D	5498	ADDED WIRES & O RING	JS 10/16/08	AS	DV
E	12854	ADDED WIRE LENGTH DIMENSION	NDC 07/28/16	LN	RT
F	16156	UPDATED RENDERING	KG 04/26/21	RA	LN



2. HOUSING MATERIAL: TITANIUM ALLOY

1. RECOMMENDED MOUNTING TORQUE:
30 LB-IN

DRILL HOLE SIZE		TOLERANCE	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.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		DYTRAN INSTRUMENTS, INC. Chatsworth, CA	
.0135 THRU .125	.1260 THRU .250	.2510 THRU .500		.5010 THRU .750	.7510 THRU 1.000	1.001 THRU 2.000	TITLE: OUTLINE DRAWING, 3086A
+ .004 / - .001		+ .005 / - .001		+ .006 / - .001			
+ .008 / - .001		+ .010 / - .001		+ .012 / - .001			
DECIMALS .XX ± .010 .XXX ± .005		ANGLES ± 1°					
MATERIAL		APPROVALS		DATE			
FINISH		ORIG		PML		3/28/07	
		CHK		JS		2/15/08	
		APP		DV		10/17/08	
		DO NOT SCALE DRAWING		APP			

Model Number 3086A4T		PERFORMANCE SPECIFICATION				DOC NO PS3086A4T																									
		MINIATURE IEPE ACCELEROMETER				REV D, ECN 16156, 04/27/21																									
		• MINIATURE SIZE • HERMETICALLY SEALED				This family also includes:																									
						<table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Range F.S. (g pk)</th><th>Maximum Shock (g pk)</th><th>Operating Temp (°F)</th></tr><tr><td>3086A1T</td><td>0.05</td><td>70,000</td><td>100,000</td><td>-60 to +250</td></tr><tr><td>3086A2T</td><td>0.1</td><td>50,000</td><td>100,000</td><td>-60 to +250</td></tr><tr><td>3086A3T</td><td>0.25</td><td>20,000</td><td>100,000</td><td>-60 to +250</td></tr><tr><td>3086A5T</td><td>1.0</td><td>5,000</td><td>50,000</td><td>-60 to +250</td></tr><tr><td>3086A6T</td><td>2.0</td><td>2,500</td><td>50,000</td><td>-60 to +250</td></tr></table>		Model	Sensitivity (mV/g)	Range F.S. (g pk)	Maximum Shock (g pk)	Operating Temp (°F)	3086A1T	0.05	70,000	100,000	-60 to +250	3086A2T	0.1	50,000	100,000	-60 to +250	3086A3T	0.25	20,000	100,000	-60 to +250	3086A5T	1.0	5,000	50,000
Model	Sensitivity (mV/g)	Range F.S. (g pk)	Maximum Shock (g pk)	Operating Temp (°F)																											
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3086A3T	0.25	20,000	100,000	-60 to +250																											
3086A5T	1.0	5,000	50,000	-60 to +250																											
3086A6T	2.0	2,500	50,000	-60 to +250																											
		Please refer to the performance specifications of the products in this family for detailed description																													
		Supplied Accessories:																													
		1) Accredited calibration certificate (ISO 17025)																													
		Notes:																													
		[1] Measured by impacting against calibrated force sensor. NIST traceable.																													
		[2] Percent of full scale or any lessor full scale range, zero-based best fit straight line method.																													
		[3] Power only with Dytran or Dytran approved current source type power unit. Do not supply power without current limiting. To do so will destroy the integral electronics. This will void the warranty.																													
		[4] Recommended Cable: Dytran Part No. 128-6869AXX (XX denotes length in feet)																													
		[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.																													
		[6] All specifications are at room temperature unless otherwise specified.																													
		Typical Low Frequency Response  Typical Temperature Response 																													
																															
		Units on the line drawing are in inches. Refer to 127-3086A for more information.																													