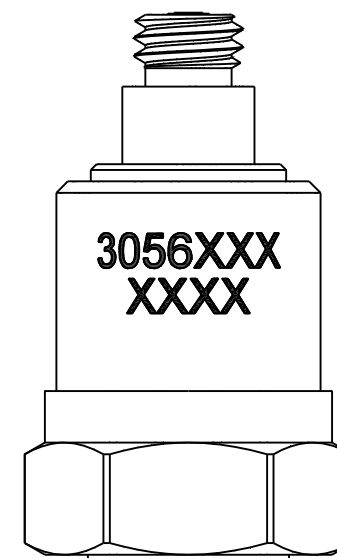
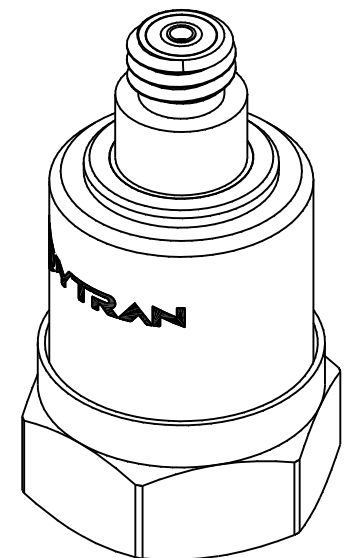
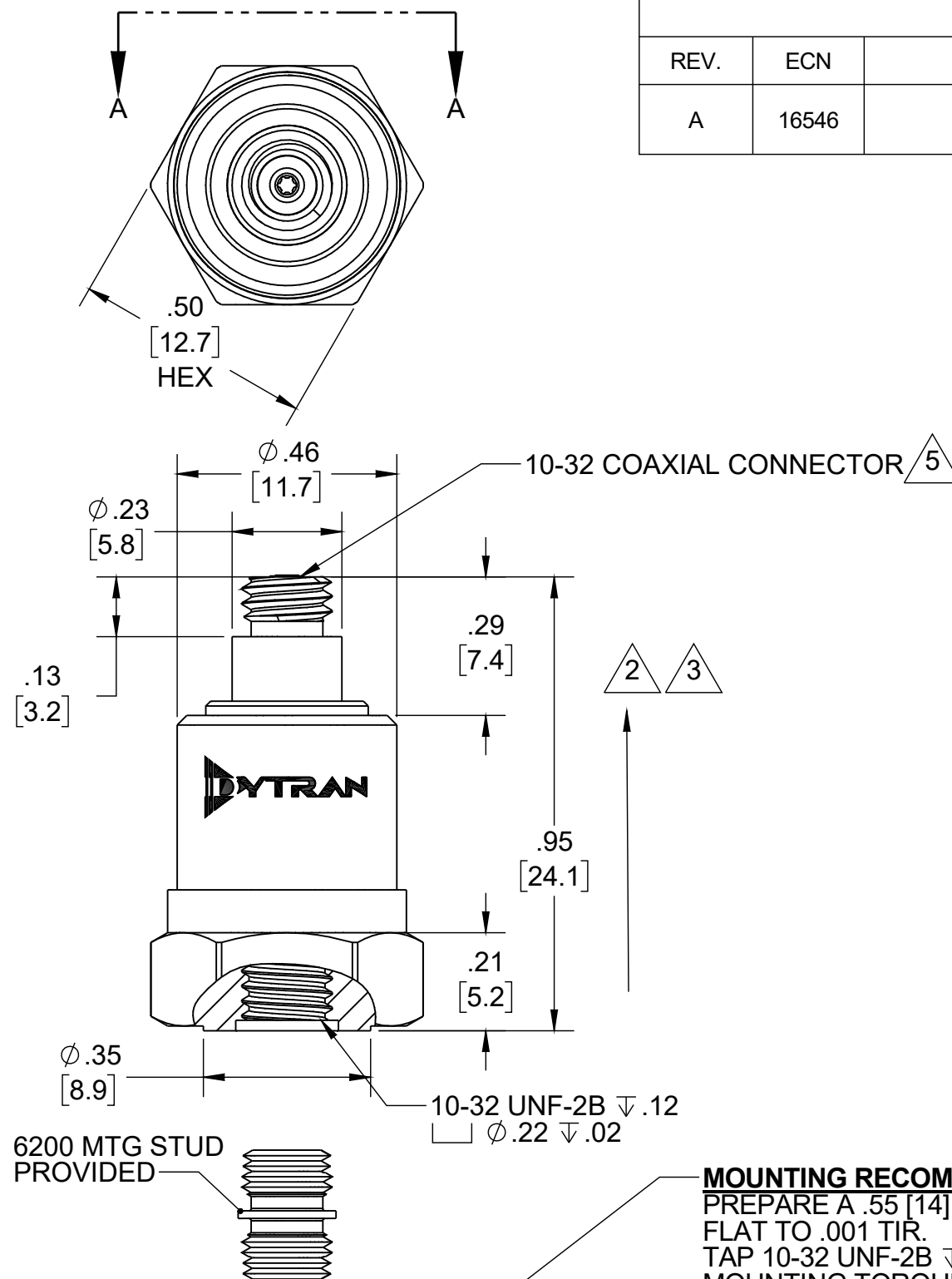


REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	16546	INITIAL RELEASE	AS 01/24/22	DV	AM

VARIATION TABLE

MODEL	SENSITIVITY	TEDS	OPERATING TEMPERATURE (°F)
3056C	15 pC/g	NO	-60 TO +375
3056F2	5 mV/g	NO	-67 TO +325
3056F3	10 mV/g	NO	-67 TO +325
3056F4	20 mV/g	NO	-67 TO +325
3056F5	50 mV/g	NO	-67 TO +325
3056F6	100 mV/g	NO	-67 TO +325
3056F7	200 mV/g	NO	-67 TO +325
3056F8	500 mV/g	NO	-67 TO +325
3056F2T	5 mV/g	YES	-67 TO +325
3056F3T	10 mV/g	YES	-67 TO +325
3056F4T	20 mV/g	YES	-67 TO +325
3056F5T	50 mV/g	YES	-67 TO +325
3056F6T	100 mV/g	YES	-67 TO +325
3056F7T	200 mV/g	YES	-67 TO +325
3056F8T	500 mV/g	YES	-67 TO +325



SECTION A-A
 180.00°

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.

- 6. TEDS OPERATING TEMPERATURE: -40°F TO +185°F [-40°C TO +85°C]
 - 5. MATES WITH DYTRAN 6010AXX OR 6011AXX CABLE (XX = LENGTH IN FEET).
 - 4. WEIGHT: 10 GRAMS, MAX
 - 3. ARROW INDICATES ACCELERATION DIRECTION FOR POSITIVE OUTPUT.
 - 2. ARROW INDICATES ACCELERATION DIRECTION FOR NEGATIVE 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. DIMENSIONS IN BRACKETS () ARE IN MILLIMETERS TOLERANCES ARE:		
DECIMALS	METRIC	ANGLES
.XX ±.03	.X ± 0.8	±1°
.XXX ±.010	.XX ±0.25	

APPROVALS		DATE
ORIG	AS	01/24/22
CHK	DV	03/08/22
APP	AM	03/15/22

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
USA



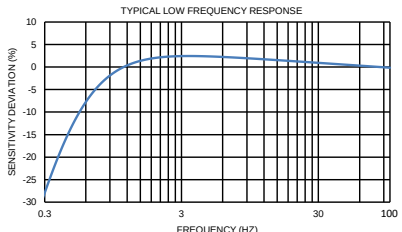
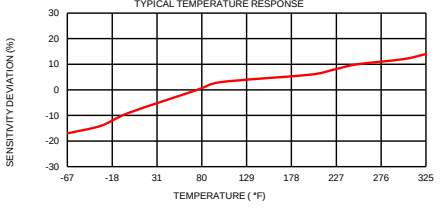
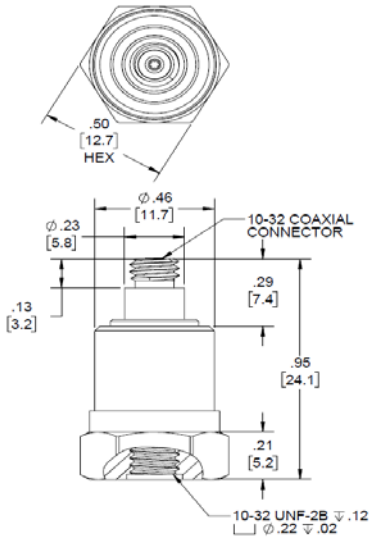
DYTRAN
INSTRUMENTS, INC.

Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION
DRAWING, 3056 SERIES**

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

SCALE: 3:1		SHEET 1 OF 1
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Model Number 3056F3		PERFORMANCE SPECIFICATIONS				DOC NO PS3056F3	
		IEPE ACCELEROMETER				REV B, ECN 17467, 06/10/24	
		• HIGH TEMPERATURE • IDEAL LOW FREQUENCY RESPONSE • HERMETICALLY SEALED • BASE ISOLATED					
		ENGLISH		SI			
PHYSICAL Weight Connector Mounting Provision Material, Housing/Connector Sensing Element Element Style		0.35		oz	10.0		grams
		10-32			10-32		
		10-32 X .150 ↓			10-32 X .150 ↓		
		Titanium			Titanium		
		Ceramic			Ceramic		
		Planar Shear			Planar Shear		
PERFORMANCE Sensitivity, ±5% [2] Range for ± 5 Volts Output Frequency Response, ±5% Frequency Response, ±10% Resonant Frequency Broad Band Resolution Linearity [3] Maximum Transverse sensitivity Strain Sensitivity @ 250µε		10		mV/g	1.02		mV/m/s ²
		500		g pk	4,900		m/s ² pk
		1 to 5,000		Hz	1 to 5,000		Hz
		1 to 10,000		Hz	1 to 10,000		Hz
		> 35		kHz	> 35		kHz
		0.0015		g RMS	0.0147		m/s ² RMS
		± 1		% F.S.	± 1		% F.S.
		5		%	5		%
		0.002		g/µε	0.02		m/s ² /µε
ENVIRONMENTAL Maximum Shock Temperature Range Seal		1,000		g pk	9800		m/s ² pk
		-67 to +325		°F	-55 to +163		°C
		Hermetic			Hermetic		
ELECTRICAL Supply Current Range [4] Compliance Voltage Range Output Impedance, Typ Bias Voltage Discharge Time Constant Electrical Isolation		2 to 20		mA	2 to 20		mA
		+18 to +30		Volts	+18 to +30		Volts
		100		Ω	100		Ω
		+9 to +14		VDC	+9 to +14		VDC
		0.5 to 1.5		Sec	0.5 to 1.5		Sec
		10.0		GΩ, min	10.0		GΩ, min
		This family also includes:					
		Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)	
		3056F2	5	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F4	20	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F5	50	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F6	100	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F7	200	1 to 10,000	0.5 to 1.5	-67 to +325	
		3056F8	500	1 to 10,000	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 100 Hz					
		[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.					
							
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3056 for more information.					



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