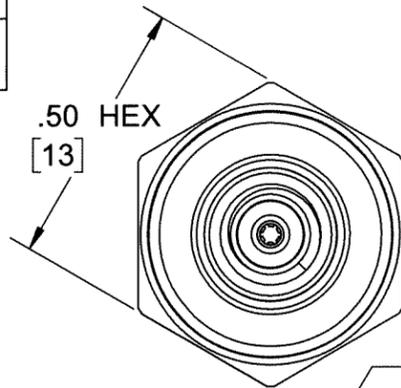


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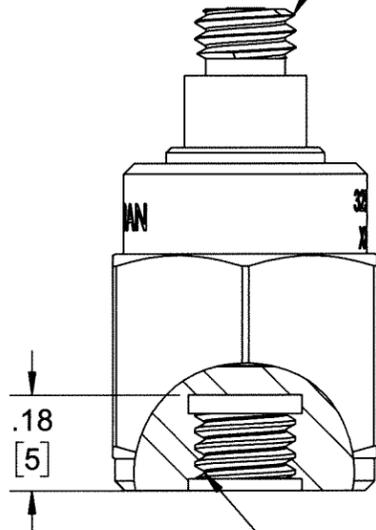
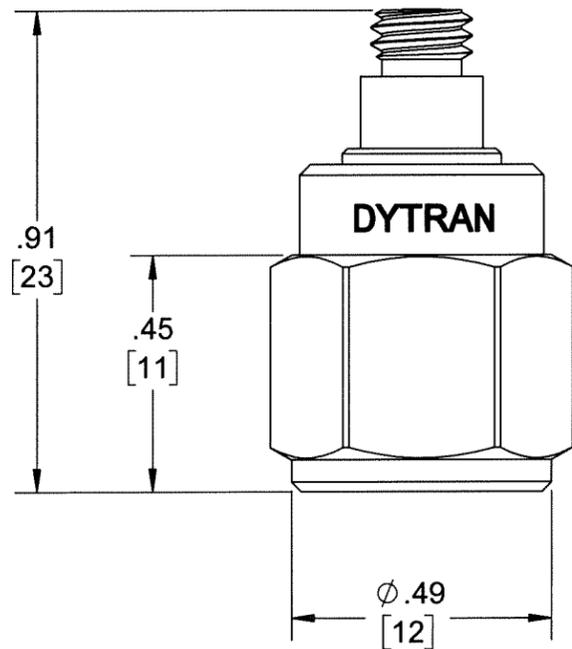
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REVISIONS

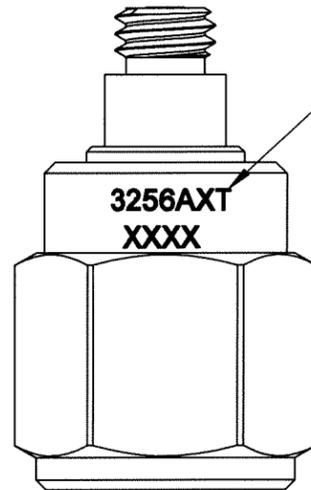
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	4932	INITIAL RELEASE	JS 11/27/07	RA	CES
B	11745	MOVED MARKING FROM HEX TO DIAMETER	NDC 02/25/15	JS	LN
C	11835	REDESIGNED WITH CHANGES	RA, 05/19/15	EM	LN
D	14629	INITIAL RELEASE, SAME AS C1: 3256A4T AND 3256A6T	RA, 10/23/18	DP	LN



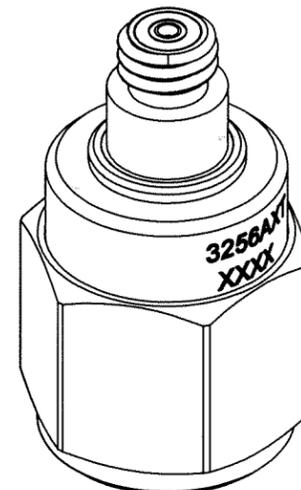
10-32 UNF-2A COAXIAL CONNECTOR



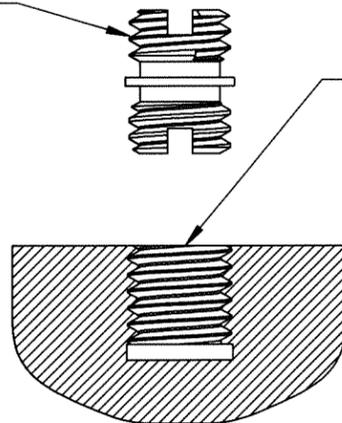
10-32-UNF-2B



SEE TABULATION



10-32 UNF-2A MODEL 6200 MTG STUD PROVIDED



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

MODEL	REV	ECN	DATE	SEN mV/G
3256A6T	A	14629	10/23/18	200mV/G
3256A5T	C	11835	05/29/15	50mV/G
3256A4T	A	14629	10/23/18	20mV/G
3256A3T	C	11835	05/19/15	500mV/G
3256A2T	C	11835	05/19/15	100mV/G
3256A1T	C	11835	05/19/15	10mV/G

TABULATION

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.

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

ORIG	CHK	APP	DATE
JS	RA	CES	11/26/07
			11/26/07
			11/30/07

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.

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION USA

**DYTRAN INSTRUMENTS, INC.** MASTER COPY IN RED Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION, MODEL 3256AXT**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-3256AT	D

SCALE: 2:1 SHEET 1 OF 1

<b>Model Number</b> 3256A4T	<b>PERFORMANCE SPECIFICATIONS</b>	<b>DOC NO</b> PS3256A4T
<b>IEPE ACCELEROMETER</b>		REV A, ECN 14629, 10/17/18



- HERMETICALLY SEALED
- CASE GROUNDED
- TEDS

	ENGLISH		SI	
<b>PHYSICAL</b>				
Weight	0.35	oz	10	grams
Connector	10-32		10-32	
Mounting Provision	10-32 X .150 ↓		10-32 X .150 ↓	
Material, Housing/Connector	Titanium		Titanium	
Sensing Element	Ceramic		Ceramic	
Element Style	Planar Shear		Planar Shear	
<b>PERFORMANCE</b>				
Sensitivity, ±5% [1]	20	mV/G	2.0	mV/m/s <sup>2</sup>
Range for ± 5 Volts Output	250	G peak	2453	m/s <sup>2</sup>
Frequency Response, ±10%	1 to 10,000	Hz	1 to 10,000	Hz
Resonant Frequency	> 36	kHz	> 36	kHz
Broad Band Resolution	0.003	G rms	0.029	m/s <sup>2</sup> rms
Linearity [2]	±1	% F.S.	±1	% F.S.
Maximum Transverse Sensitivity	5	%	5	%
Strain Sensitivity @ 250µε	0.001	G/µε	0.01	m/s <sup>2</sup> /µε
<b>ENVIRONMENTAL</b>				
Maximum Vibration	300	G peak	2943	m/s <sup>2</sup> peak
Maximum Shock	3000	G peak	29430	m/s <sup>2</sup> peak
Operating Temperature Range	-60 to 250	*F	-51 to 121	*C
TEDS Operating Temperature Seal	-40 to 185	*F	-40 to 85	*C
	HERMETIC		HERMETIC	
<b>ELECTRICAL</b>				
Supply Current Range [3]	2 to 20	mA	2 to 20	mA
Compliance Voltage Range	+18 to +30	Volts	+18 to +30	Volts
Output Impedance, Typ	100	Ω	100	Ω
Bias Voltage	+9 to +13	VDC	+9 to +13	VDC
Discharge Time Constant	.5 to 1.5	Sec	.5 to 1.5	Sec
TEDS	IEEE 1451.4		IEEE 1451.4	

**This family also includes:**

Model	Sensitivity (mV/g)	Frequency Response (Hz)	Time Constant (Sec)	Operating Temp (*F)
3256A1T	10	1 to 10000	0.5 to 1.5	-60 to +250
3256A2T	100	1 to 10000	0.5 to 1.5	-60 to +250
3256A3T	500	1 to 10000	0.5 to 1.5	-60 to +225
3256A5T	50	1 to 10000	0.5 to 1.5	-60 to +250
3256A6T	200	1 to 10000	0.5 to 1.5	-60 to +225

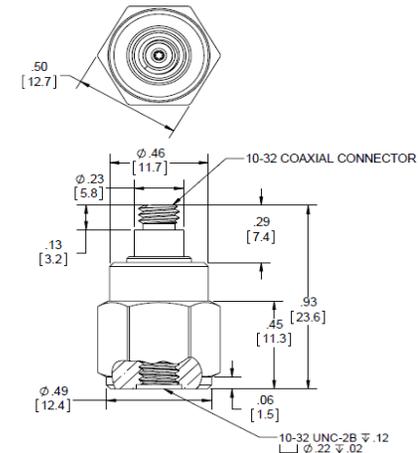
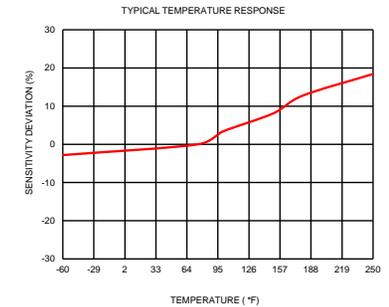
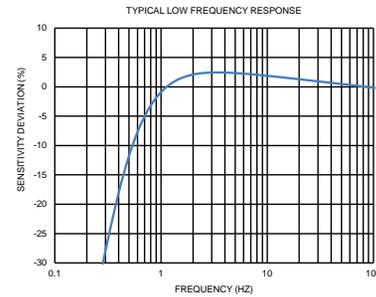
Refer to the performance specifications of the products in this family for detailed description

**Supplied Accessories:**

- 1) Accredited calibration certificate (ISO 17025)
- 2) 10-32 to 10-32 mounting stud, Model 6200. Qty. 1

**Notes:**

- [1] Measured at 100Hz, 1 Grms per ISA RP 37.2.
- [2] Measured 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.



Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3256AT for more information.



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