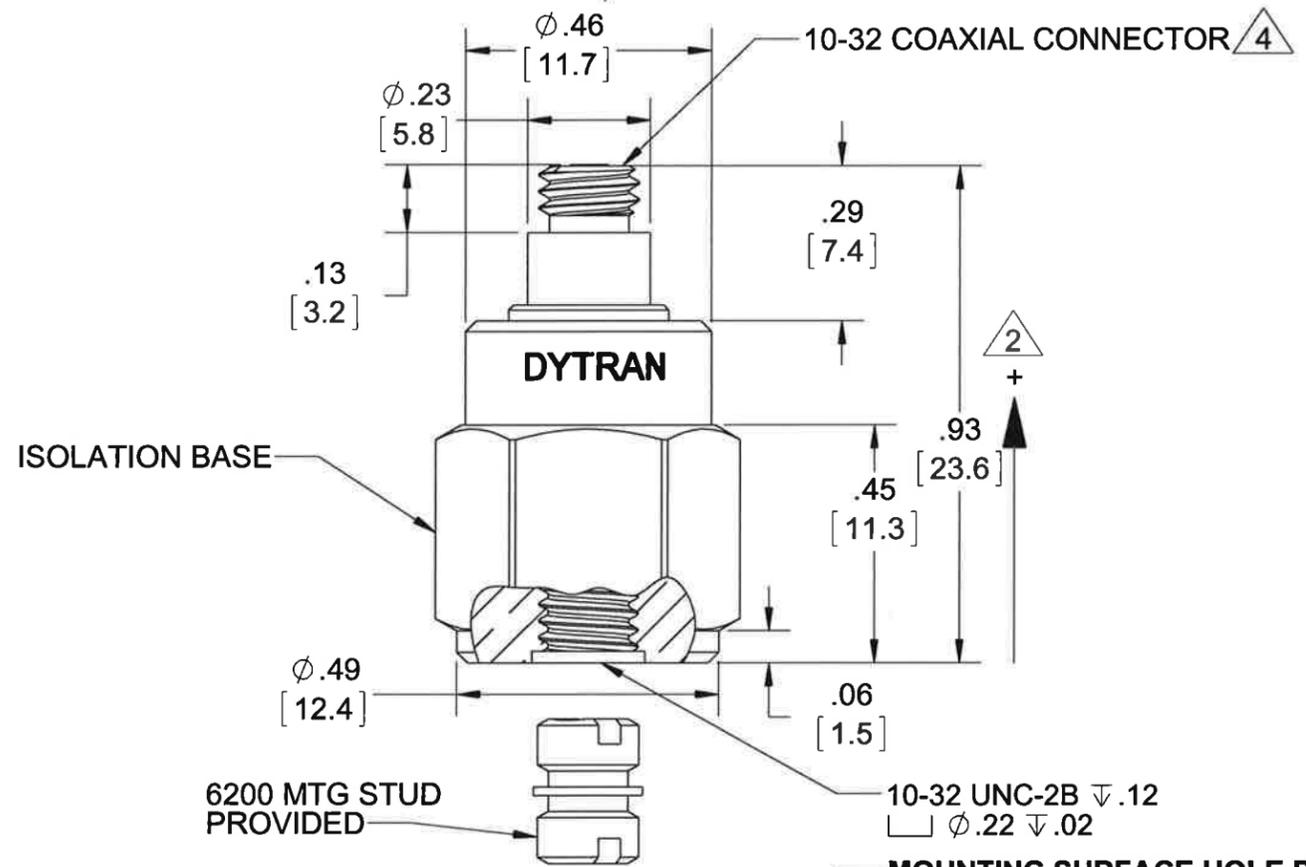
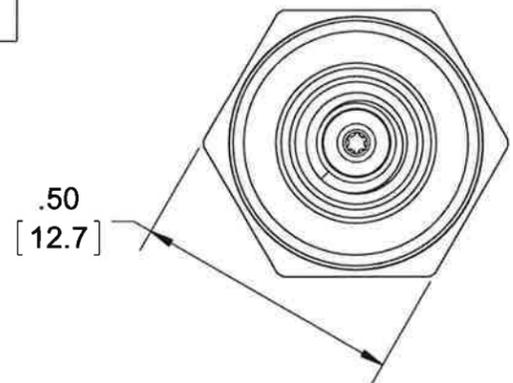


PROPRIETARY AND CONFIDENTIAL

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MODEL	SENSITIVITY
3056D1T	10 mV/g
3056D2T	100 mV/g
3056D3T	500 mV/g
3056D4T	20 mV/g
3056D5T	50 mV/g
3056D6T	200 mV/g
3056D7T	1 mV/g
3056D8T	5 mV/g

REVISIONS					
REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	11394	INITIAL RELEASE	RA 11/06/14	EM	DV
B	11983	ADDED 3056D7T & D8T	LA 05/18/15	<i>[Signature]</i>	<i>[Signature]</i>



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

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.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	
DECIMALS .XX ± .03 .XXX ± .010	METRIC .X ± 0.8 .XX ± 0.25	ANGLES ± 1°	
APPROVALS		DATE	
ORIG	RA	10/29/14	
CHK	EM	12/17/14	
APP	DV	12/17/14	
DO NOT SCALE DRAWING		THIRD ANGLE PROJECTION USA	

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TITLE: **OUTLINE/INSTALLATION, MODEL 3056DXT**

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

SCALE: 3:1 PART NO: SHEET 1 OF 1



- HERMETICALLY SEALED
- BASE ISOLATED
- TEDS

PHYSICAL

Weight	Type	
Connector	Tapped Hole	
Mounting Provision		
Material, Housing/Connector		
Sensing Element		
Element Style		

ENGLISH		SI	
0.35	oz	10	grams
10-32		10-32	
10-32 X .150 ↓		10-32 X .150 ↓	
Titanium		Titanium	
Ceramic		Ceramic	
Planar Shear		Planar Shear	

PERFORMANCE

Sensitivity, ±5% [1]		
Range for ± 5 Volts Output		
Frequency Response, ±10%		
Resonant Frequency		
Broad Band Resolution		
Linearity [2]		
Maximum Transverse Sensitivity		
Strain Sensitivity @ 250µε		

20	mV/G	2.0	mV/m/s ²
250	G peak	2453	m/s ²
1 to 10,000	Hz	1 to 10,000	Hz
> 32	kHz	> 32	kHz
0.0020	G rms	0.0196	m/s ² rms
±1	% F.S.	±1	% F.S.
5	%	5	%
0.001	G/µε	0.01	m/s ² /µε

ENVIRONMENTAL

Maximum Vibration		
Maximum Shock		
Operating Temperature Range		
TEDS Operating Temperature		
Seal		

600	G peak	5886	m/s ² peak
3000	G peak	29430	m/s ² peak
-60 to +250	°F	-51 to 121	°C
-40 to +185	°F	-40 to +85	°C
HERMETIC		HERMETIC	

ELECTRICAL

Supply Current Range [3]		
Compliance Voltage Range		
Output Impedance, Typ		
Bias Voltage		
Discharge Time Constant		
Electrical Isolation		
TEDS		

2 to 20	mA	2 to 20	mA
+18 to +30	Volts	+18 to +30	Volts
100	Ω	100	Ω
+9 to +13	VDC	+9 to +13	VDC
.5 to 1.5	Sec	.5 to 1.5	Sec
10	GΩ,min	10	GΩ,min
IEEE 1451.4		IEEE 1451.4	

This family also includes:

Model	Sensitivity (mV/g)	Frequency Response (Hz)	Time Constant (Sec)	Operating Temp (°F)
3056D1T	10	1 to 10000	0.5 to 1.5	-60 to +250
3056D2T	100	1 to 10000	0.5 to 1.5	-60 to +250
3056D3T	500	1 to 10000	0.5 to 1.5	-60 to +225
3056D5T	50	1 to 10000	0.5 to 1.5	-60 to +250
3056D6T	200	1 to 10000	0.5 to 1.5	-60 to +225
3056D7T	1	1 to 10000	0.5 to 1.5	-60 to +250
3056D8T	5	1 to 10000	0.5 to 1.5	-60 to +250

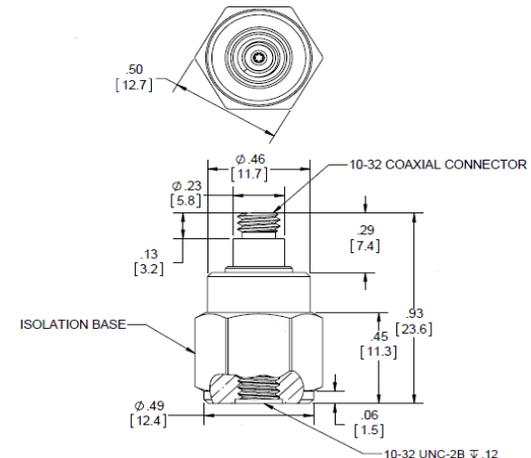
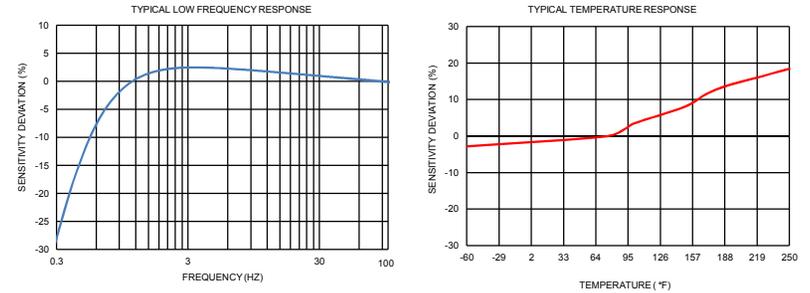
Refer to the performance specifications of the products in this family for detailed description

Supplied Accessories:

- 1) Accredited calibration certificate (ISO 17025)

Notes:

- [1] Measured 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 127-3056DT for more information.



21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax: 818.700.7880 www.dytran.com
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Presented by: Absolute Gauge Technologies
sales@absolute-gauge.com; www.absolute-gauge.com,
Toronto: 416 754 3168, Montreal: 514 695 5147, Toll Free: 1 888 754 7008