

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

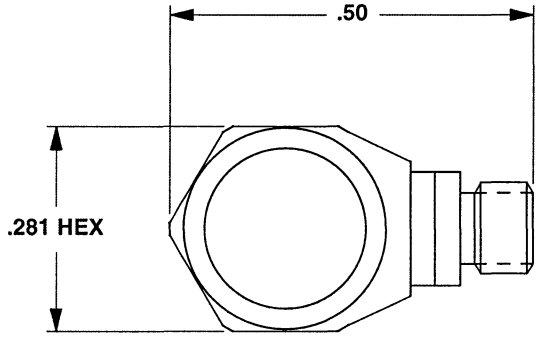
Custom engineering
so your equipment works exactly as you specify.

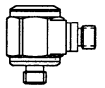
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

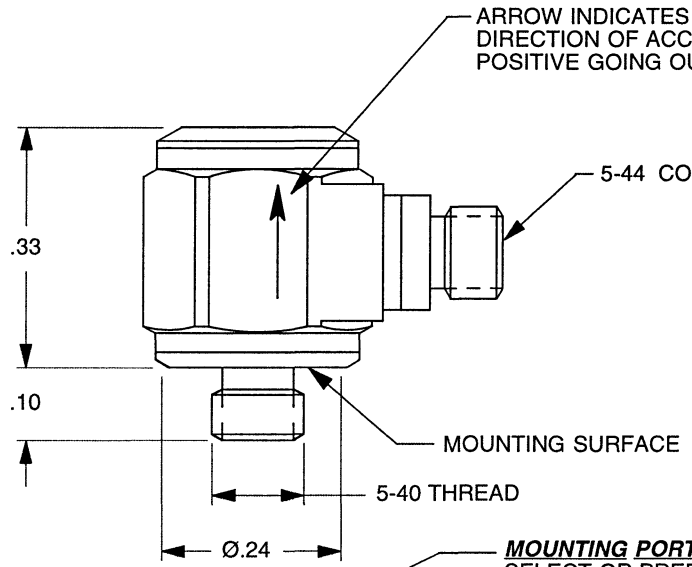
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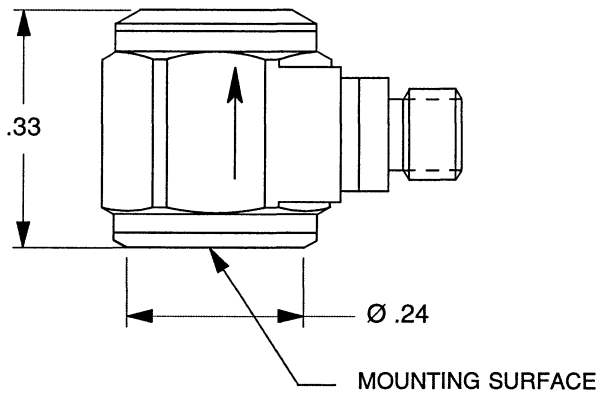


ACTUAL SIZE



MOUNTING PORT PREPARATION: 3035B
SELECT OR PREPARE A FLAT AREA OF AT LEAST Ø.250, FLAT TO .001 TIR.
AT THE CENTER, DRILL #38 (Ø.101) X .150 DEEP, MIN.
TAP 5-40 UNC-2B X .125 DEEP, MIN.

MODEL 3035B



MODEL 3035BG

MOUNTING SURFACE PREPARATION: 3035BG
SELECT OR PREPARE A FLAT AREA OF AT LEAST Ø.250, FLAT TO .001 TIR. CLEAN TO REMOVE CONTAMINANTS. APPLY ADHESIVE TO SURFACE OR TO ACCELEROMETER AND PRESS TOGETHER UNTIL ADHESIVE SETS.

2. MOUNTING TORQUE ON .281 HEX: 3 TO 4 LB.-IN.
1. WEIGHT: 2.5 GRAMS.

DYTRAN INSTRUMENTS, INC. — MASTER — ONLY IF IN RED — CHATSWORTH, CA.

SCALE 4X	REV D	DATE 6/10/04	ECN N/A				
DATE 12/02/02	PART NO. MODELS 3035B, 3035BG						
DRAWN N.C.	CHECKED R.A.	MAT'L					
APPROVED 6/10/04	NEXT ASSEMBLY		USED ON				

TITLE: **OUTLINE/INSTALLATION DRAWING, MODELS 3035B & 3035BG LIVM ACCELEROMETERS**

DWG NO. **127-3035B/G**

SHEET 1 OF 1

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Model Number	PERFORMANCE SPECIFICATIONS	DOC NO
3035B	IEPE ACCELEROMETER	PS3035B
		REV C, ECN 11062, 12/15/15



- **MINATURE SIZE**
- **HERMETICALLY SEALED**
- **STUD MOUNT**

	ENGLISH		SI	
PHYSICAL				
Weight, Max.	0.09	oz	2.5	grams
Connector	5-44 Coaxial		5-44 Coaxial	
Mounting Provision	5-40 Integral Stud		5-40 Integral Stud	
Material, Housing/Connector	300 Series Stainless Steel		300 Series Stainless Steel	
Sensing Element	Ceramic		Ceramic	
Element Style	Shear		Shear	
PERFORMANCE				
Sensitivity, ±10% [1]	100	mV/g	10.2	mV/m/s^2
Range for ± 5 Volts Output	±50	g	±490.5	m/s^2
Frequency Response, ±10%	0.5 to 10000	Hz	0.5 to 10000	Hz
Resonant Frequency	> 45	kHz	> 45	kHz
Broad Band Resolution	0.0004	Grms	0.004	m/s^2 rms
Linearity [2]	±1	% F.S.	±1	% F.S.
Maximum Transverse sensitivity	5	%	5	%
Strain Sensitivity @ 250με	0.002	g/με	0.02	m/s^2/με
ENVIRONMENTAL				
Maximum Vibration	600	Gpeak	5884	m/s^2 peak
Maximum Shock	10000	Gpeak	98067	m/s^2 peak
Temperature Range	-60 to +250	°F	-51 to +121	°C
Seal	Hermetic		Hermetic	
ELECTRICAL				
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	11 to 13	VDC	11 to 13	VDC
Discharge Time Constant	0.8 to 2	Sec	0.8 to 2	Sec
Electrical Isolation	Case Grounded	GΩ,min	Case Grounded	GΩ,min

This family also includes:

Model	Range F.S. (g)	Sensitivity (mV/g)	Time Constant (Sec)
3035B1	± 500	10	0.8 to 2
3035B2	± 100	50	0.8 to 2
3035B3	± 1000	5	0.8 to 2

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

Supplied Accessories:

1) Accredited calibration certificate (ISO 17025)

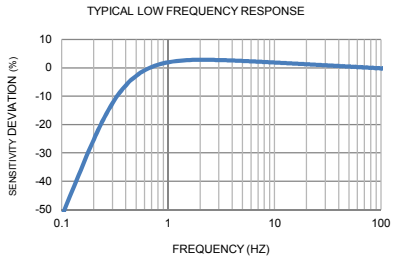
Notes:

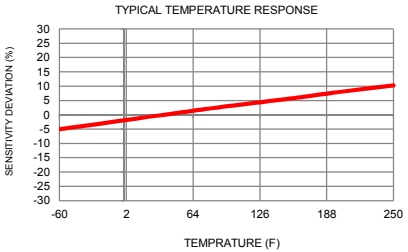
[1] Measured at 100Hz, 1 Grms per ISA RP 37.2.

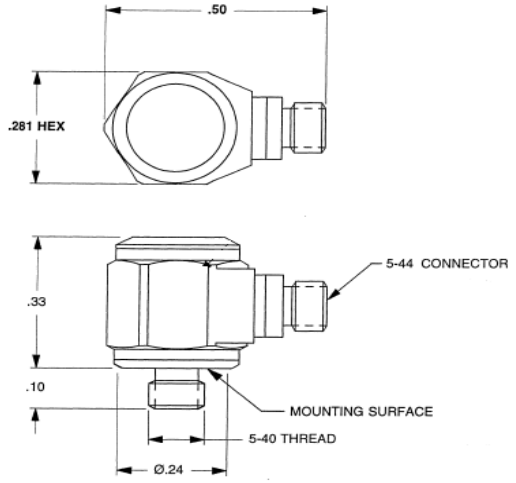
[2] Measure using zero-based straight line method, % of F.S. or any lesser range.

[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 127-3035B/G for more information.

DYTRAN INSTRUMENTS, INC.

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We buy equipment

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