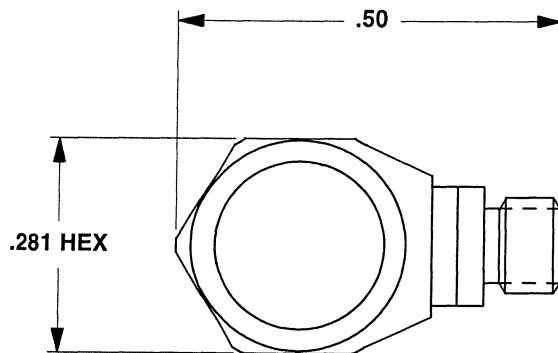
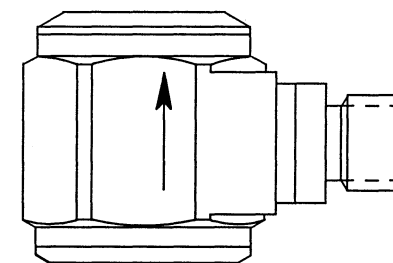
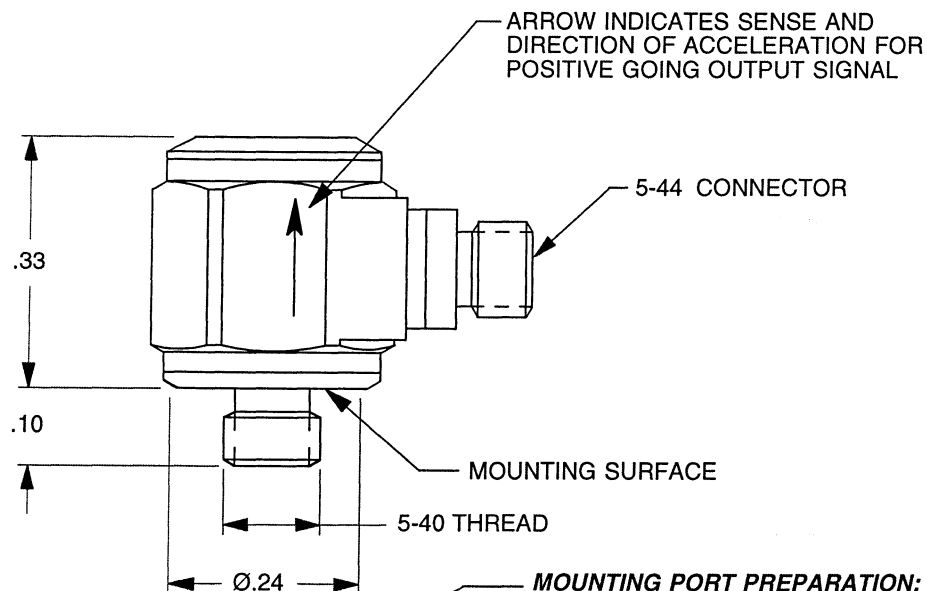


ACTUAL SIZE



MOUNTING SURFACE

MOUNTING PORT PREPARATION: 3035B2
 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.

MOUNTING SURFACE PREPARATION: 3035B2G
 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.



MASTER
 ONLY IF IN RED

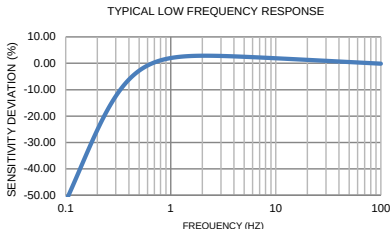
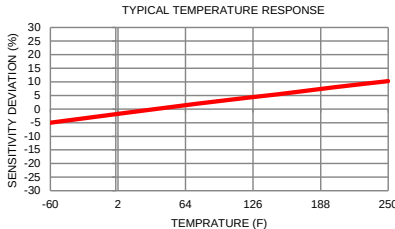
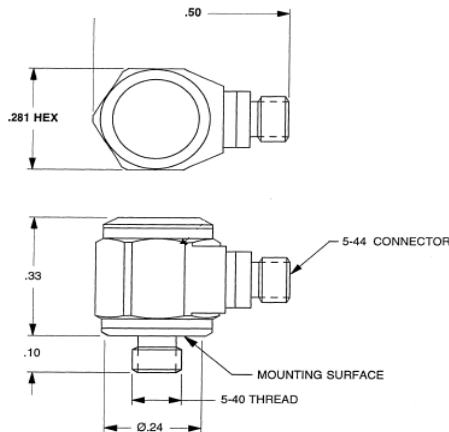
CHATSWORTH, CA.

SCALE	4X	REV	A	DATE	6/10/04	ECN	-		
DATE	3/5/04	PART NO.	MODELS 3035B2, 3035B2G						
DRAWN	R.A.	CHECKED	N.C.	MAT'L					
APPROVED	G-10-04		NEXT ASSEMBLY		USED ON				

OUTLINE/INSTALLATION DRAWING, MODELS 3035B2, & 3035B2G LIVM ACCELEROMETERS

DWG NO.
127-3035B2/G

SHEET 1 OF 1

Model Number		PERFORMANCE SPECIFICATIONS				DOC NO	
3035B2						PS3035B2	
		IEPE ACCELEROMETER				REV D, ECN 16235, 06/22/21	
		• MINATURE SIZE • HERMETICALLY SEALED • STUD MOUNT					
		ENGLISH		SI			
		0.09	oz	2.5	grams		
		5-44 Coaxial		5-44 Coaxial			
		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% [2]		50	mV/g	5.1	mV/m/s ²		
Range for ± 5 Volts Output		±100	g pk	±981	m/s ² pk		
Frequency Response, ±10%		0.34 to 10000	Hz	0.34 to 10000	Hz		
Resonant Frequency		> 45	kHz	> 45	kHz		
Broad Band Resolution		0.0010	g RMS	0.010	m/s ² RMS		
Linearity [3]		±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 Shock		10000	g pk	98067	m/s ² pk		
Temperature Range		-60 to +250	°F	-51 to +121	°C		
Seal		Hermetic		Hermetic			
ELECTRICAL							
Supply Current Range [4]		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		
						TYPICAL LOW FREQUENCY RESPONSE  TYPICAL TEMPERATURE RESPONSE 	
							
						Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3035B2/G for more information.	



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