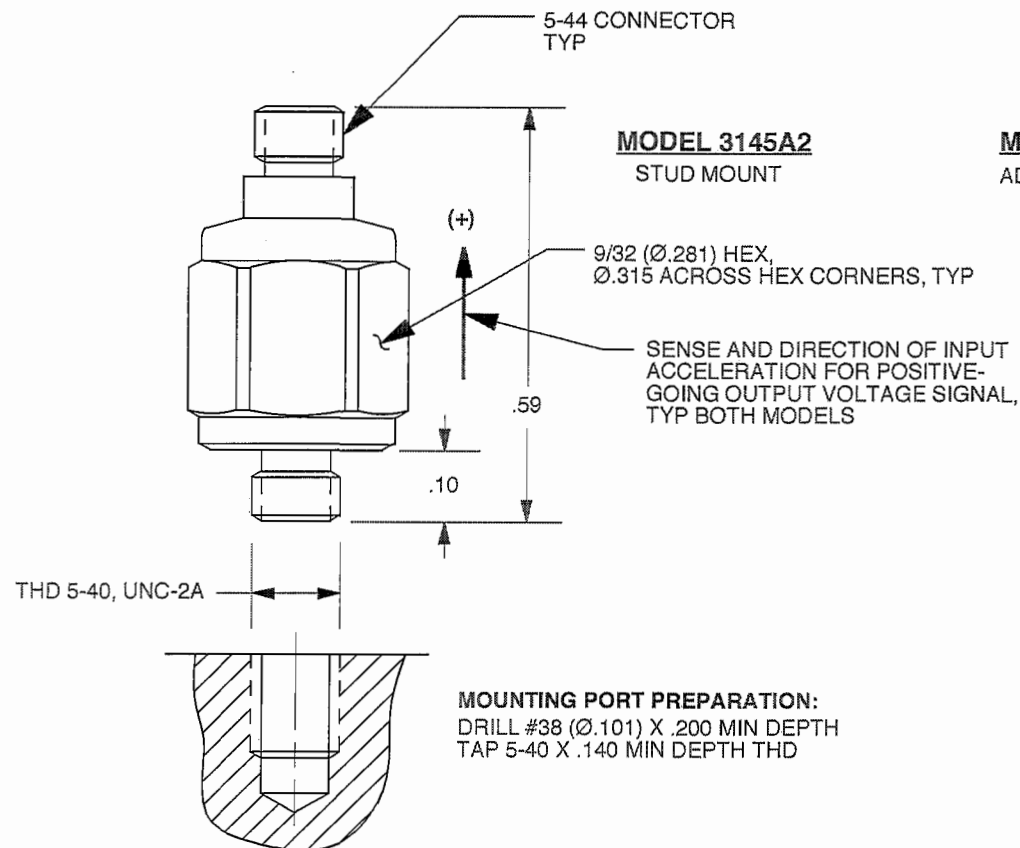
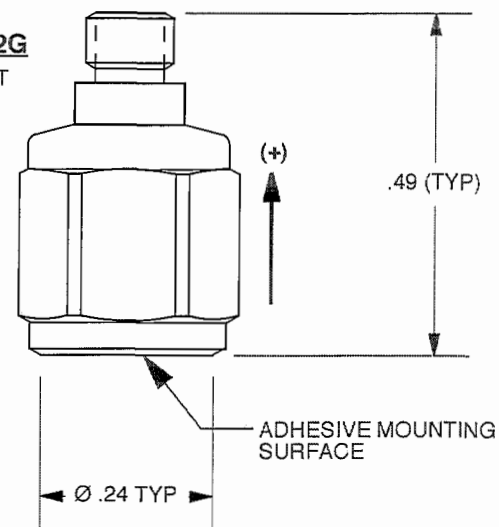


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	10271	MATERIAL IS: 304L STAINLESS STEEL WAS: TITANIUM ALLOY	RLA 8/16/13	MH	AS



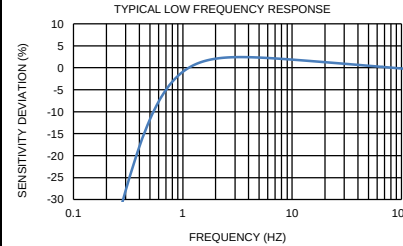
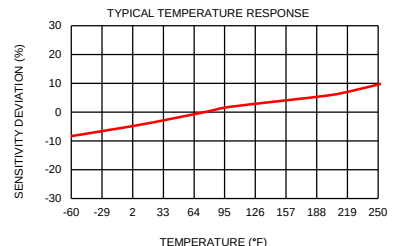
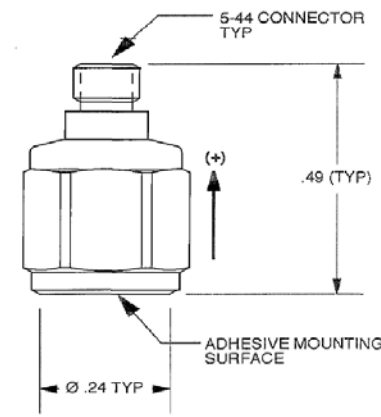
MODEL 3145A2G
ADHESIVE MOUNT



5. SUGGESTED ADHESIVE TYPE FOR MODEL 3145A2G-CYANOACRYLATE "INSTANT" BOND.
4. TO INSTALL MOD 3145A2, TORQUE IN PLACE WITH 10 LB.-INCHES.
3. WEIGHT-MOD 3145A2-2.3 GRAMS., MOD 3145A2G-2.1 GRAMS
2. SEAL-HERMETIC, ALL WELDED.
1. MATERIAL: 304L STAINLESS STEEL

EXCEPT AS OTHERWISE NOTED	
ALL DIMENSIONS IN INCHES TOLERANCE: .XXX = ± .XX = ± .01	
SURFACE FINISH EXCEPT AS NOTED	✓
BREAK EDGES TO DEBURR RADIUS OR CHAMFER	
THESE DIAS TO T.I.R.	
FILLETS -	MAX RAD.

DYTRAN INSTRUMENTS, INC.		MASTER ONLY IF IN RED		CHATSWORTH, CA.	
SCALE 4X	REV -	DATE SEE REV BLK	ECN -		
DATE 3/24/03	PART NO.				
DRAWN N.C.	CHECKED R.A.	MAT'L			
APPROVED N.C.	3/24/03	NEXT ASSEMBLY	USED ON 3145A2 & 3145A2G		
TITLE OUTLINE/INSTALLATION DRAWING MODELS 3145A2 & 3145A2G				DWG NO. 127-3145A2	
				SHEET 1 OF 1	

Model Number 3145A2G		PERFORMANCE SPECIFICATIONS				DOC NO PS3145A2G																																	
		IEPE ACCELEROMETER				REV A, ECN 11551, 11/26/14																																	
		<ul style="list-style-type: none">• MINIATURE DESIGN• HERMETICALLY SEALED				This family also includes: <table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Frequency Response (Hz)</th><th>Time Constant (Sec)</th><th>Operating Temp (°F)</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>		Model	Sensitivity (mV/g)	Frequency Response (Hz)	Time Constant (Sec)	Operating Temp (°F)																											
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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.						 																																	
						Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-3145A2 for more information.																																	
PHYSICAL Weight Connector Mounting Provision Material, Housing/Connector Sensing Element Element Style		<table><tr><th colspan="2">ENGLISH</th></tr><tr><td>0.07</td><td>oz</td></tr><tr><td>5-44 Coaxial</td><td></td></tr><tr><td>Adhesive Mount</td><td></td></tr><tr><td>300 Series S.S.</td><td></td></tr><tr><td>Ceramic</td><td></td></tr><tr><td>Planar Shear</td><td></td></tr></table>		ENGLISH		0.07	oz	5-44 Coaxial		Adhesive Mount		300 Series S.S.		Ceramic		Planar Shear		<table><tr><th colspan="2">SI</th></tr><tr><td>2.1</td><td>grams</td></tr><tr><td>5-44 Coaxial</td><td></td></tr><tr><td>Adhesive Mount</td><td></td></tr><tr><td>300 Series S.S.</td><td></td></tr><tr><td>Ceramic</td><td></td></tr><tr><td>Planar Shear</td><td></td></tr></table>		SI		2.1	grams	5-44 Coaxial		Adhesive Mount		300 Series S.S.		Ceramic		Planar Shear							
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PERFORMANCE Sensitivity, ±10% [1] Range for ± 5 Volts Output Frequency Response, ± 5% Resonant Frequency Equivalent Electrical Noise Floor Linearity, [2] Maximum Transverse Sensitivity Strain Sensitivity @ 250µε		<table><tr><td>5</td><td>mV/g</td></tr><tr><td>1,000</td><td>g</td></tr><tr><td>0.8 to 10,000</td><td>Hz</td></tr><tr><td>> 45</td><td>kHz</td></tr><tr><td>0.07</td><td>Grms</td></tr><tr><td>±1</td><td>% F.S.</td></tr><tr><td>5</td><td>%</td></tr><tr><td>0.001</td><td>g/µε</td></tr></table>		5	mV/g	1,000	g	0.8 to 10,000	Hz	> 45	kHz	0.07	Grms	±1	% F.S.	5	%	0.001	g/µε	<table><tr><td>0.51</td><td>mV/m/s²</td></tr><tr><td>9810</td><td>m/s²</td></tr><tr><td>0.8 to 10,000</td><td>Hz</td></tr><tr><td>> 45</td><td>kHz</td></tr><tr><td>0.69</td><td>m/s² rms</td></tr><tr><td>±1</td><td>% F.S.</td></tr><tr><td>5</td><td>%</td></tr><tr><td>0.01</td><td>m/s²/µε</td></tr></table>		0.51	mV/m/s ²	9810	m/s ²	0.8 to 10,000	Hz	> 45	kHz	0.69	m/s ² rms	±1	% F.S.	5	%	0.01	m/s ² /µε		
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