
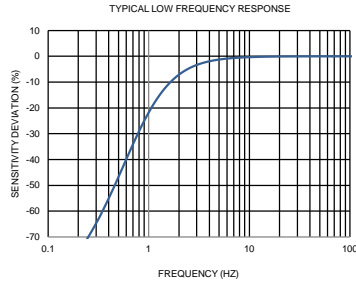
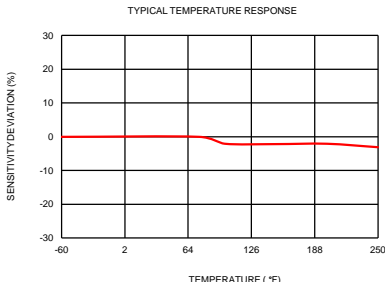
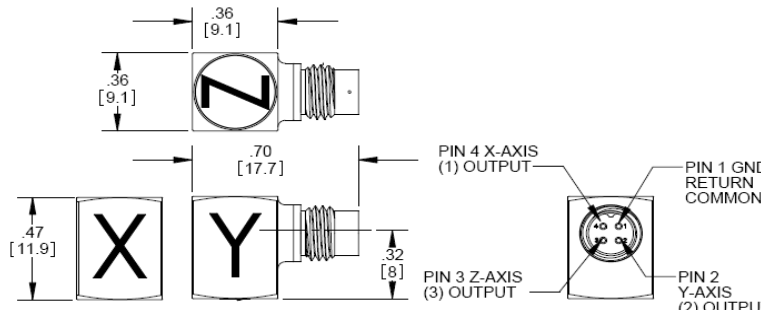



Model Number 3313A1		PERFORMANCE SPECIFICATION			DOC NO PS3313A1																																																					
		TRIAXIAL IEPE ACCELEROMETER			REV D , ECN 9647 , 0301/13																																																					
		<ul style="list-style-type: none"><li>• WEIGHT ONLY 4 GRAMS</li><li>• EXCELLENT LINEARITY</li><li>• TEMPERATURE STABILITY</li><li>• HERMETICALLY SEALED</li></ul>			<b>This family also includes:</b> <table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Range F.S (g)</th><th>Time Constant (sec)</th><th>Operating Temperature (°F)</th></tr><tr><td>3313A2</td><td>5</td><td>± 1000</td><td>0.2 to 1.0</td><td>-60 to +250</td></tr><tr><td>3313A3</td><td>10</td><td>± 500</td><td>0.2 to 1.0</td><td>-60 to +250</td></tr></table>		Model	Sensitivity (mV/g)	Range F.S (g)	Time Constant (sec)	Operating Temperature (°F)	3313A2	5	± 1000	0.2 to 1.0	-60 to +250	3313A3	10	± 500	0.2 to 1.0	-60 to +250																																					
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<b>PHYSICAL</b> Weight, Max Connector Mounting Provision Material : Housing / Connector Element Style		Tapped Hole		<table><tr><th colspan="2">ENGLISH</th><th colspan="2">SI</th></tr><tr><td>0.14</td><td>oz</td><td>4.1</td><td>grams</td></tr><tr><td>1/4-28, 4 Pin</td><td></td><td>1/4-28, 4 Pin</td><td></td></tr><tr><td>10-32</td><td></td><td>10-32</td><td></td></tr><tr><td>Titanium</td><td></td><td>Titanium</td><td></td></tr><tr><td>Quartz Planar Shear</td><td></td><td>Quartz Planar Shear</td><td></td></tr></table>			ENGLISH		SI		0.14	oz	4.1	grams	1/4-28, 4 Pin		1/4-28, 4 Pin		10-32		10-32		Titanium		Titanium		Quartz Planar Shear		Quartz Planar Shear																													
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<b>PERFORMANCE</b> Sensitivity, ±10% [1] Range F.S (each axis) Frequency Response, ± 15% Equivalent Natural Frequency Equivalent Electrical Noise , Max Linearity [2] Maximum Transverse sensitivity Signal Polarity [3]		<table><tr><td>1</td><td>mV/g</td><td>0.10</td><td>mV/m/s<sup>2</sup></td></tr><tr><td>±5000</td><td>g</td><td>±49050</td><td>m/s<sup>2</sup></td></tr><tr><td>1.2 to 10000</td><td>Hz</td><td>1.2 to 10000</td><td>Hz</td></tr><tr><td>&gt; 30</td><td>kHz</td><td>&gt; 30</td><td>kHz</td></tr><tr><td>0.07</td><td>grms</td><td>0.69</td><td>m/s<sup>2</sup> rms</td></tr><tr><td>± 1</td><td>% F.S.</td><td>± 1</td><td>% F.S.</td></tr><tr><td>5</td><td>%</td><td>5</td><td>%</td></tr><tr><td>Positive</td><td></td><td>Positive</td><td></td></tr></table>		1	mV/g	0.10	mV/m/s <sup>2</sup>	±5000	g	±49050	m/s <sup>2</sup>	1.2 to 10000	Hz	1.2 to 10000	Hz	> 30	kHz	> 30	kHz	0.07	grms	0.69	m/s <sup>2</sup> rms	± 1	% F.S.	± 1	% F.S.	5	%	5	%	Positive		Positive		<table><tr><td>0.14</td><td>oz</td><td>4.1</td><td>grams</td></tr><tr><td>1/4-28, 4 Pin</td><td></td><td>1/4-28, 4 Pin</td><td></td></tr><tr><td>10-32</td><td></td><td>10-32</td><td></td></tr><tr><td>Titanium</td><td></td><td>Titanium</td><td></td></tr><tr><td>Quartz Planar Shear</td><td></td><td>Quartz Planar Shear</td><td></td></tr></table>			0.14	oz	4.1	grams	1/4-28, 4 Pin		1/4-28, 4 Pin		10-32		10-32		Titanium		Titanium		Quartz Planar Shear		Quartz Planar Shear	
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<b>ENVIRONMENTAL</b> Maximum Vibration Maximum Shock Temperature Range Seal Base Strain		<table><tr><td>± 7000</td><td>g's, peak</td><td>± 68670</td><td>m/s<sup>2</sup>, peak</td></tr><tr><td>±5000</td><td>g's, peak</td><td>±49050</td><td>m/s<sup>2</sup>, peak</td></tr><tr><td>-60 to +250</td><td>°F</td><td>-51 to +121</td><td>°C</td></tr><tr><td>Hermetic</td><td></td><td>Hermetic</td><td></td></tr><tr><td>0.006</td><td>g/με</td><td>0.06</td><td>m/s<sup>2</sup>/με</td></tr></table>		± 7000	g's, peak	± 68670	m/s <sup>2</sup> , peak	±5000	g's, peak	±49050	m/s <sup>2</sup> , peak	-60 to +250	°F	-51 to +121	°C	Hermetic		Hermetic		0.006	g/με	0.06	m/s <sup>2</sup> /με	<table><tr><td>± 7000</td><td>g's, peak</td><td>± 68670</td><td>m/s<sup>2</sup>, peak</td></tr><tr><td>±5000</td><td>g's, peak</td><td>±49050</td><td>m/s<sup>2</sup>, peak</td></tr><tr><td>-60 to +250</td><td>°F</td><td>-51 to +121</td><td>°C</td></tr><tr><td>Hermetic</td><td></td><td>Hermetic</td><td></td></tr><tr><td>0.006</td><td>g/με</td><td>0.06</td><td>m/s<sup>2</sup>/με</td></tr></table>			± 7000	g's, peak	± 68670	m/s <sup>2</sup> , peak	±5000	g's, peak	±49050	m/s <sup>2</sup> , peak	-60 to +250	°F	-51 to +121	°C	Hermetic		Hermetic		0.006	g/με	0.06	m/s <sup>2</sup> /με												
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		21592 Marilla Street, Chatsworth, California 91311 Phone: 818.700.7818 Fax: 818.700.7880 <a href="http://www.dytran.com">www.dytran.com</a> For permission to reprint this content, please contact <a href="mailto:info@dytran.com">info@dytran.com</a>																																																								