
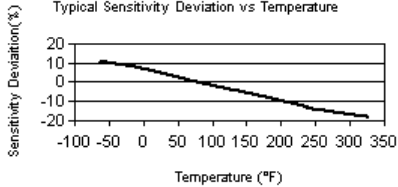



Model Number 356B21	<b>ACCELEROMETER, ICP<sup>®</sup>, TRIAXIAL</b>		Revision G ECN #: 32784	
<b>Performance</b> Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) (y or z axis) Frequency Range (±5 %) (x axis) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	<b>ENGLISH</b> 10 mV/g ±500 g pk 2 to 10000 Hz 2 to 7000 Hz ≥55 kHz 0.004 g rms ≤1 % ≤5 %	<b>SI</b> 1.02 mV/(m/s <sup>2</sup> ) ±4905 m/s <sup>2</sup> pk 2 to 10000 Hz 2 to 7000 Hz ≥55 kHz 0.04 m/s <sup>2</sup> rms ≤1 % ≤5 %	<b>Optional Versions</b> (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) <b>A - Adhesive Mount</b> Supplied Accessory: Model 080A109 Petro Wax Supplied Accessory: Model 080A90 Quick bond Gel (for use with accelerometer adhesive mtg bases to fill gaps on rough surfaces) <b>HT - High temperature, extends normal operation temperatures</b> Temperature Range (Operating) -65 to +325 °F -54 to +163 °C <b>J - Ground Isolated</b> Frequency Range (+5 %) 7000 Hz 7000 Hz Electrical Isolation (Base) >10 <sup>8</sup> Ohm >10 <sup>8</sup> Ohm Size (Height x Length x Width) 0.44 in x 0.40 in x 0.44 in mm x 11.2 mm Weight 0.16 oz 4.5 gm Mounting Adhesive Adhesive	
<b>Environmental</b> Overload Limit (Shock) Temperature Range (Operating)	±10000 g pk -65 to +250 °F	±98100 m/s <sup>2</sup> pk -54 to +121 °C		
<b>Electrical</b> Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Discharge Time Constant Settling Time (within 10% of bias) Spectral Noise (1 Hz) Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1 kHz)	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 11 VDC 0.3 to 1.0 sec <3 sec 1000 µg/√Hz 300 µg/√Hz 100 µg/√Hz 50 µg/√Hz	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 11 VDC 0.3 to 1.0 sec <3 sec 9810 (µm/sec <sup>2</sup> /√Hz) 2943 (µm/sec <sup>2</sup> /√Hz) 981 (µm/sec <sup>2</sup> /√Hz) 490 (µm/sec <sup>2</sup> /√Hz)		
<b>Physical</b> Sensing Element Sensing Geometry Housing Material Sealing Size (Height x Length x Width) Weight Electrical Connector Electrical Connection Position Mounting Thread	Ceramic Shear Titanium Hermetic 0.4 in x 0.4 in x 0.4 in 0.14 oz 8-36 4-Pin Side 5-40 Female	Ceramic Shear Titanium Hermetic 10.2 mm x 10.2 mm x 10.2 mm 4 gm 8-36 4-Pin Side 5-40 Female		
 [4]  All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP <sup>®</sup> is a registered trademark of PCB group, Inc.				
Entered: LLH Date: 04/21/2010	Engineer: AJA Date: 04/20/2010	Sales: WDC Date: 04/20/2010	Approved: LLH Date: 04/22/2010	Spec Number: <b>15127</b>
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