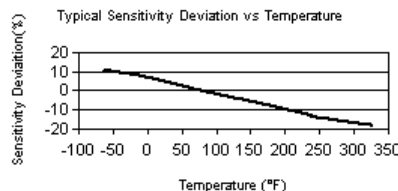


Model Number 356A63	ACCELEROMETER, ICP[®], TRIAXIAL		Revision B ECN #: 26367
Performance	ENGLISH	SI	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) HT - High temperature, extends normal operation temperatures Supplied Accessory: Model 080A Adhesive base, 0.5" hex x 0.187" thk, 10-32 tapped hole, aluminum with insulating hardcoat finish Supplied Accessory: Model 081A27 Mounting screw, BeCu, 5-40 mounting stud (for use with Model 356B11) Supplied Accessory: Model 081A90 Mounting stud, 10-32 to 5-40 Supplied Accessory: Model M081A27 Metric mounting stud, 5-40 to M3 x 0.50" long Notes [1] Typical. [2] 250° F to 325° F data valid with HT option only. [3] Zero-based, least-squares, straight line method. [4] See PCB Declaration of Conformance PS023 for details.
Sensitivity (±15 %)	10 mV/g	1.02 mV/(m/s ²)	
Measurement Range	±500 g pk	±4905 m/s ² pk	
Frequency Range (-5 %)	2 to 4000 Hz	2 to 4000 Hz	
Resonant Frequency	≥55 kHz	≥55 kHz	[1]
Electrical Filter Roll-off	6 dB/octave	6 dB/octave	[1]
Electrical Filter Corner Frequency	15 kHz	15 kHz	[1]
Broadband Resolution (1 to 10000 Hz)	0.008 g rms	0.08 m/s ² rms	[1]
Non-Linearity	≤1 %	≤1 %	[3]
Transverse Sensitivity	≤5 %	≤5 %	
Environmental			
Overload Limit (Shock)	±10000 g pk	±98100 m/s ² pk	[2]
Temperature Range (Operating)	-65 to +250 °F	-54 to +121 °C	[2]
Temperature Response	See Graph	See Graph	
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	≤200 ohm	≤200 ohm	
Output Bias Voltage	7 to 11 VDC	7 to 11 VDC	
Discharge Time Constant	0.3 to 1.0 sec	0.3 to 1.0 sec	
Settling Time (within 10% of bias)	<3 sec	<3 sec	
Spectral Noise (1 Hz)	445 µg/√Hz	4365 (µm/sec ² /√Hz	[1]
Spectral Noise (10 Hz)	135 µg/√Hz	1325 (µm/sec ² /√Hz	[1]
Spectral Noise (100 Hz)	90 µg/√Hz	883 (µm/sec ² /√Hz	[1]
Spectral Noise (1 kHz)	80 µg/√Hz	785 (µm/sec ² /√Hz	[1]
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Height x Length x Width)	0.40 in x 0.77 in x	10.2 mm x 19.6 mm x	
Weight	0.40 in	10.2 mm	[1]
Electrical Connector	0.19 oz	5.3 gm	
Electrical Connection Position	1/4-28 4-Pin	1/4-28 4-Pin	
Mounting Thread	Side	Side	
Mounting Torque	5-40 Female	5-40 Female	
	4 to 5	45 to 56	



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.
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Entered: LLH	Engineer: JJB	Sales: WDC	Approved: BAM	Spec Number:
Date: 05/10/2007	Date: 05/10/2007	Date: 05/10/2007	Date: 05/10/2007	19955



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