
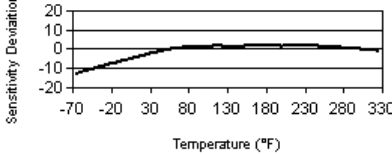


Model Number 352C34	ACCELEROMETER, ICP®		Revision J ECN #: 26069
Performance Sensitivity (±10 %) Measurement Range Frequency Range (±5 %) Frequency Range (±10 %) Resonant Frequency Broadband Resolution (1 to 10000 Hz) Non-Linearity Transverse Sensitivity	ENGLISH 100 mV/g ±50 g pk 0.5 to 10000 Hz 0.3 to 15000 Hz ≥50 kHz 0.00015 g rms ≤1 % ≤5 %	SI 10.2 mV/(m/s ²) ±490 m/s ² pk 0.5 to 10000 Hz 0.3 to 15000 Hz ≥50 kHz 0.0015 m/s ² rms ≤1 % ≤5 %	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 Frequency Range (5 %) Frequency Range (10 %) Broadband Resolution (1 to 10000 Hz) Temperature Range (Operating) Excitation Voltage Discharge Time Constant Spectral Noise (1 Hz) Spectral Noise (10 Hz) Spectral Noise (100 Hz) Spectral Noise (1000 Hz) Output Bias Voltage Supplied Accessory: Model ACS-68 Single Axis Amplitude Response Calibration from 5 Hz to upper 5% plotted on dB scale replaces Model ACS-1
Environmental Overload Limit (Shock) Temperature Range (Operating) Base Strain Sensitivity	±5000 g pk -65 to +200 °F 0.003 g/με	±49000 m/s ² pk -54 to +93 °C 0.029 (m/s ²)/με	[1] [4] [3] [1]
Electrical 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 12 VDC 1.0 to 2.5 sec <10 sec 39 μg/√Hz 11 μg/√Hz 3.4 μg/√Hz 1.4 μg/√Hz	18 to 30 VDC 2 to 20 mA ≤200 Ohm 7 to 12 VDC 1.0 to 2.5 sec <10 sec 380 (μm/sec ² /√Hz 110 (μm/sec ² /√Hz 33 (μm/sec ² /√Hz 14 (μm/sec ² /√Hz	[1] [1] [1] [1] [2]
Physical Size (Height) Weight Sensing Element Size (Hex) Sensing Geometry Housing Material Sealing Electrical Connector Electrical Connection Position Mounting Thread Mounting Torque	0.88 in 0.20 oz Ceramic 0.44 in Shear Titanium Hermetic 10-32 Coaxial Jack Top 10-32 Female 10 to 20 in-lb	22.4 mm 5.8 gm Ceramic 11.2 mm Shear Titanium Hermetic 10-32 Coaxial Jack Top 10-32 Female 113 to 226 N-cm	[1] T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4 TLA - TEDS LMS International - Free Format TLB - TEDS LMS International - Automotive Format TLC - TEDS LMS International - Aeronautical Format TLD - TEDS Capable of Digital Memory and Communication Compliant with IEEE 1451.4 Temperature Range Excitation Voltage Output Bias Voltage W - Water Resistant Cable Electrical Connector Electrical Connection Position
	<p data-bbox="661 1198 997 1218">Typical Sensitivity Deviation vs Temperature</p> 		<p data-bbox="1144 1226 1207 1247">Notes</p> <p data-bbox="1186 1250 1753 1372">[1] Typical. [2] TEDS option adds 1.0 VDC to bias voltage. [3] 200°F to 325°F data valid with HT option only. [4] Zero-based, least-squares, straight line method. [5] See PCB Declaration of Conformance PS023 for details.</p> <p data-bbox="1144 1421 1365 1442">Supplied Accessories</p> <p data-bbox="1144 1445 1543 1518">080A Adhesive Mounting Base (1) 080A109 Petro Wax (1) 081B05 Mounting Stud (10-32 to 10-32) (1)</p>

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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ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). ()
M081B05 Mounting Stud 10-32 to M6 X 0.75 (1)

Entered: BLB	Engineer: JJB	Sales: WDC	Approved: BAM	Spec Number:
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