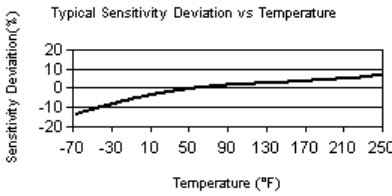


Model Number 352C67	ACCELEROMETER, ICP®		Revision M ECN #: 31827
Performance	ENGLISH	SI	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)
Sensitivity (±10 %)	100 mV/g	10.2 mV/(m/s ²)	A - Adhesive Mount [6] Supplied Accessory: Model 080A90 Quick bond Gel (for use with accelerometer adhesive mtg bases to fill gaps on rough surfaces) replaces Model 080A15
Measurement Range	±50 g pk	±491 m/s ² pk	HT - High temperature, extends normal operation temperatures
Frequency Range (±5 %)	0.5 to 10000 Hz	0.5 to 10000 Hz	Frequency Range (5 %)
Frequency Range (±10 %)	0.3 to 12000 Hz	0.3 to 12000 Hz	Frequency Range (10 %)
Frequency Range (±3 dB)	0.2 to 20000 Hz	0.2 to 20000 Hz	Frequency Range (3 dB)
Resonant Frequency	≥35 kHz	≥35 kHz	Broadband Resolution (1 to 10000 Hz)
Phase Response (±5 °) (at 70°F [21°C])	2 to 6000 Hz	2 to 6000 Hz	Non-Linearity
Broadband Resolution (1 to 10000 Hz)	0.00016 g rms	0.0015 m/s ² rms	Transverse Sensitivity
Non-Linearity	≤1 %	≤1 %	Environmental
Transverse Sensitivity	≤5 %	≤5 %	Overload Limit (Shock)
			Temperature Range (Operating)
			Temperature Response
			Base Strain Sensitivity
			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)
			Physical
			Sensing Element
			Sensing Geometry
			Housing Material
			Sealing
			Size (Hex x Height)
			Weight
			Electrical Connector
			Electrical Connection Position
			Cable Length
			Cable Type
			Mounting Thread
			Mounting Torque
			Notes
			[1] Typical.
			[2] 200°F to 250°F data valid with HT option only.
			[3] Zero-based, least-squares, straight line method.
			[4] Transverse sensitivity is typically ≤ 3%.
			[5] See PCB Declaration of Conformance PS023 for details.
			[6] Mounting stud removed, adhesive mounting base not required.
			Supplied Accessories
			080A109 Petro Wax (1)
			080A15 Adhesive Mounting Base (1)
			ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). ()
			Figure: Typical Sensitivity Deviation vs Temperature
			
			Table:
			Entered: ECB Engineer: BAM Sales: WDC Approved: JJB Spec Number:
			Date: 12/12/2009 Date: 12/12/2009 Date: 12/12/2009 Date: 12/12/2009 8338
			PCB PIEZOTRONICS® 3425 Walden Avenue VIBRATION DIVISION Depew, NY 14043 UNITED STATES Phone: 888-684-0013 Fax: 716-685-3886

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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