



Model Number 137B21B	ICP® PRESSURE SENSOR		Revision A ECN #: 41884	
Performance Measurement Range (for ±1V output) Sensitivity (±15 %) Maximum Pressure Resolution Resonant Frequency Rise Time (Incident) Non-Linearity	ENGLISH 1 kpsi 1 mV/psi 5 kpsi 8.5 mpsi ≥400 kHz ≤6.5 μ sec ≤1.0 % FS	SI 6895 kPa .145 mV/kPa 34474 kPa .059 kPa ≥400 kHz ≤6.5 μ sec ≤1.0 % FS	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) Notes [1] Typical. [2] Zero-based, least-squares, straight line method. [3] See PCB Declaration of Conformance PS023 for details.	
Environmental Temperature Range (Operating) Temperature Coefficient of Sensitivity	-100 to +275 °F ≤0.05 %/°F	-73 to +135 °C ≤0.090 %/°C	Supplied Accessories PCS-6 Calibration of Series 134, 137, and 138 (1)	
Electrical Discharge Time Constant (at room temp) Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage	≥0.2 sec 20 to 30 VDC 2 to 20 mA ≤100 Ohm 8 to 14 VDC	≥0.2 sec 20 to 30 VDC 2 to 20 mA ≤100 Ohm 8 to 14 VDC		
Physical Sensing Geometry Sensing Element Housing Material Diaphragm Sealing Electrical Connector Weight	Compression Quartz Aluminum Invar Epoxy BNC Jack 12.4 oz	Compression Quartz Aluminum Invar Epoxy BNC Jack 352 gm	[1]	
 [3]				
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>				
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