Model Number 138A50	ICP® PRES		P® PRESSU	SURE SENSOR		Revision: E ECN #: 21174
Performance Measurement Range (for ± Sensitivity (± 15 %) Maximum Pressure Resolution Resonant Frequency Rise Time (Reflected) Low Frequency Response ( Non-Linearity Environmental Temperature Range (Opera Maximum Vibration	(-5 %)	ENGLISH  50 kpsi 0.1 mV/psi 50 kpsi 1.0 psi ≥ 1000 kHz ≤ 1.5 μ sec 2.5 Hz ≤ 2.0 % FS  0 to +100 °F 20,000 g pk	SI  344,737 kPa 0.015 mV/kPa 344,737 kPa 6.89 kPa ≥ 1000 kHz ≤ 1.5 µ sec 2.5 Hz ≤ 2.0 % FS  -17.8 to +37.8 °C 196 140 m/s² pk	[1]	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as liste except where noted below. More than one option may  N - Negative Output Polarity  W - Water Resistant Cable	ed for the standard model be used.
Electrical Output Polarity (Positive Propischarge Time Constant (a Excitation Voltage Constant Current Excitation Output Impedance Output Bias Voltage Physical Sensing Element	at room temp)	Positive ≥ 0.2 sec 20 to 30 VDC 2 to 20 mA ≤ 100 ohm 8 to 14 VDC  Tourmaline	Positive ≥ 0.2 sec 20 to 30 VDC 2 to 20 mA ≤ 100 ohm 8 to 14 VDC  Tourmaline		NOTES: [1] Zero-based, least-squares, straight line method. [2] See PCB Declaration of Conformance PS023 for details.	
Housing Material Electrical Connector Weight		Stainless Steel 10-32 Coaxial Jack 0.75 oz	Stainless Steel 10-32 Coaxial Jack 21 gm		Entered B Engineer: P Sales: DPC Approved: Date: 12/6/04 Date: 12/6/04 Date: 12/6/04	Spec Number: 138-1500-80
[2] 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® is a registered trademark of PCB Group, Inc.				Fax: 716	/ 16-684-0001 -686-9129 ressure@pcb.com	