


Model Number 118A02	CHARGE OUTPUT PRESSURE SENSOR		Revision J ECN #: 34894		
Performance Sensitivity ($\pm 15\%$) Measurement Range Maximum Pressure (static) Resolution Resonant Frequency Rise Time (Reflected) Non-Linearity	ENGLISH 0.1 pC/psi 20 kpsi 50 kpsi 200 mpsi ≥ 250 kHz ≤ 2.0 μ sec $\leq 2.0\%$ FS	SI 0.014 pC/kPa 137900 kPa 344750 kPa 1.4 kPa ≥ 250 kHz ≤ 2.0 μ sec $\leq 2.0\%$ 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.) M - Metric Mount P - Positive Output Polarity W - Water Resistant Cable Notes [1] Nominal. [2] Zero-based, least-squares, straight line method.		
Environmental Acceleration Sensitivity Temperature Range (Operating) Temperature Coefficient of Sensitivity Maximum Flash Temperature Maximum Vibration Maximum Shock	≤ 0.05 psi/g -400 to +400 °F $\leq 0.1\%$ /°F 3000 °F 2000 g pk 20000 g pk	≤ 0.035 kPa/(m/s ²) -240 to +204 °C $\leq 0.18\%$ /°C 1649 °C 19620 m/s ² pk 196200 m/s ² pk	Supplied Accessories 065A06 Seal ring 0.318" OD x 0.250" ID x 0.010" thk 316L SS material (3)		
Electrical Output Polarity (Positive Pressure) Capacitance Insulation Resistance (at room temp)	Negative 10 pF $\geq 10^{12}$ Ohm	Negative 10 pF $\geq 10^{12}$ Ohm	[1]		
Physical Sensing Element Sensing Geometry Housing Material Diaphragm Sealing Electrical Connector Weight	Quartz Compression C-300 C-300 Welded Hermetic 10-32 Coaxial Jack 0.42 oz	Quartz Compression C-300 C-300 Welded Hermetic 10-32 Coaxial Jack 12.0 gm			
<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>					
Entered: LLH		Engineer: APB	Sales: KWW	Approved: LLH	Spec Number:
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