


Model Number 054218-01184	<h1>STRAIN GAGE LOAD CELL</h1>			Revision: A ECN #: 37515										
Performance Measurement Range(Full Scale Capacity) Sensitivity(output at rated capacity) Non-Linearity Hysteresis Non-Repeatability Resonant Frequency	ENGLISH 40,465 lb 1.50 mV/V ± 5 % FS ± 5 % FS ± 2 % FS 10 kHz	SI 180 kN 1.50 mV/V ± 5 % FS ± 5 % FS ± 2 % FS 10 kHz	[1] [1][4] [4] [4] [4]	OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.										
Environmental Overload Limit Temperature Range(Operating) Temperature Range(Compensated) Temperature Effect on Output(Maximum) Temperature Effect on Zero Balance(Maximum)	60,698 lb 0 to +200 °F N/A °F ± 0.02 %Reading/°F ± 0.02 %FS/°F	270 kN -18 to +93 °C N/A °C ± 0.036 %Reading/°C ± 0.036 %FS/°C	[3] [4]	NOTES: [1] Nominal. [2] Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS. [3] Over compensated operating temperature range. [4] FS - Full Scale.										
Electrical Bridge Resistance Excitation Voltage(Recommended) Output Polarity(Compression)	350 ohm 10 VDC Positive	350 ohm 10 VDC Positive	[1] [2]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Entered: DMW</td> <td style="width: 15%;">Engineer: JSD</td> <td style="width: 15%;">Sales: JC</td> <td style="width: 15%;">Approved: GLB</td> <td style="width: 40%;">Spec Number:</td> </tr> <tr> <td>Date: 11/7/2011</td> <td>Date: 11/7/2011</td> <td>Date: 11/7/2011</td> <td>Date: 11/7/2011</td> <td style="text-align: center;">47157</td> </tr> </table>	Entered: DMW	Engineer: JSD	Sales: JC	Approved: GLB	Spec Number:	Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	47157
Entered: DMW	Engineer: JSD	Sales: JC	Approved: GLB	Spec Number:										
Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	Date: 11/7/2011	47157										
Physical Size (Diameter x Height) Fastener Size Through Hole Diameter Sensing Element Electrical Connector Electrical Connection Position <i>All specifications are at room temperature unless otherwise specified.</i> <i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i> ICP® is a registered trademark of PCB Group, Inc.	1.62 in x 0.595 in 0.709 in 0.715 in Strain Gage pigtail ends Side	41.1 mm x 15.1 mm 18 mm 18.16 mm Strain Gage pigtail ends Side		<div style="display: flex; align-items: center;">  <div> <p>PCB Load & Torque, Inc. 24350 Indoplex Circle Farmington Hills, MI 48335 UNITED STATES Phone: 866-684-7107 Fax: 716-684-0987 E-Mail: Itinfo@pcbloadtorque.com Web site: http://www.pcbloadtorque.com</p> </div> </div>										