Model Number	STRAIN GAGE LOAD CELL	Revision: A
054220-01224		ECN #: 37515

Performance	**ENGLISH**	**SI**	
Measurement Range(Full Scale Capacity)	49,458 lb	220 kN	[1]
Sensitivity(output at rated capacity)	1.50 mV/V	1.50 mV/V	[1][4]
Non-Linearity	± 5 % FS	± 5 % FS	[4]
Hysteresis	± 5 % FS	± 5 % FS	[4]
Non-Repeatability	± 2 % FS	± 2 % FS	[4]
Resonant Frequency	10 kHz	10 kHz	
Environmental			
Overload Limit	74,187 lb	330 kN	
Temperature Range(Operating)	0 to +200 ℉	-18 to +93 ℃	
Temperature Range(Compensated)	N/A ℉	N/A ℃	
Temperature Effect on Output(Maximum)	± 0.02 %Reading/℉	± 0.036 %Reading/℃	[3]
Temperature Effect on Zero Balance(Maximum)	± 0.02 %FS/℉	± 0.036 %FS/℃	[4]
Electrical			
Bridge Resistance	350 ohm	350 ohm	[1]
Excitation Voltage(Recommended)	10 VDC	10 VDC	[2]
Output Polarity(Compression)	Positive	Positive	
Physical			
Size (Diameter x Height)	1.62 in x 0.595 in	41.1 mm x 15.1 mm	
Fastener Size	0.787 in	20 mm	
Through Hole Diameter	0.794 in	20.16 mm	
Sensing Element	Strain Gage	Strain Gage	
Electrical Connector	pigtail ends	pigtail ends	
Electrical Connection Position	Side	Side	

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.

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.

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.

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	**47155**

PCB LOAD & TORQUE
A PCB GROUP COMPANY

PCB Load & Torque, Inc.
24350 Indoplex Circle
Farmington Hills, MI 48335
UNITED STATES
Phone: 866-684-7107
Fax: 716-684-0987
E-Mail: ltinfo@pcbloadtorque.com
Web site: http://www.pcbloadtorque.com