

Model Number <b>054204-01093</b>	<b>LOAD WASHER LOAD CELL - M4 FASTENER</b>	Revision: A ECN #: 49458
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	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Measurement Range(Full Scale Capacity)	2023 lb	9 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	
<b>Environmental</b>			
Overload Limit	3035 lb	13.5 kN	
Temperature Range(Operating)	0 to +200 °F	-18 to +93 °C	
Temperature Range(Compensated)	N/A °F	N/A °C	
Temperature Effect on Output(Maximum)	± 0.02 %Reading/°F	± 0.036 %Reading/°C	[3]
Temperature Effect on Zero Balance(Maximum)	± 0.02 %FS/°F	± 0.036 %FS/°C	[4]
<b>Electrical</b>			
Bridge Resistance	350 Ohm	350 Ohm	[1]
Excitation Voltage(Recommended)	10 VDC	10 VDC	[2]
<b>Physical</b>			
Size (Height x Diameter)	.255 in x .625 in	6.48 mm x 15.88 mm	[5]
Fastener Size	NO EQUIV	4.00 mm	
Through Hole Diameter	.162 in	4.11 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.  
 [5] See Outline Drawing (LT30776) for Complete Dimensions

**SUPPLIED ACCESSORIES:**

Model 7122R-007502 8G16B 75K .025% GENER RES 3PPM (1)  
 Model 92160-034658 M4 Hardened Washer - Top (1)  
 Model 92160-034659 M4 Hardened Washer - Bottom (1)

Entered: LK	Engineer: PE	Sales: DM	Approved: JSD	Spec Number:
Date: 5/1/2019	Date: 5/1/2019	Date: 5/1/2019	Date: 5/1/2019	<b>62100</b>

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