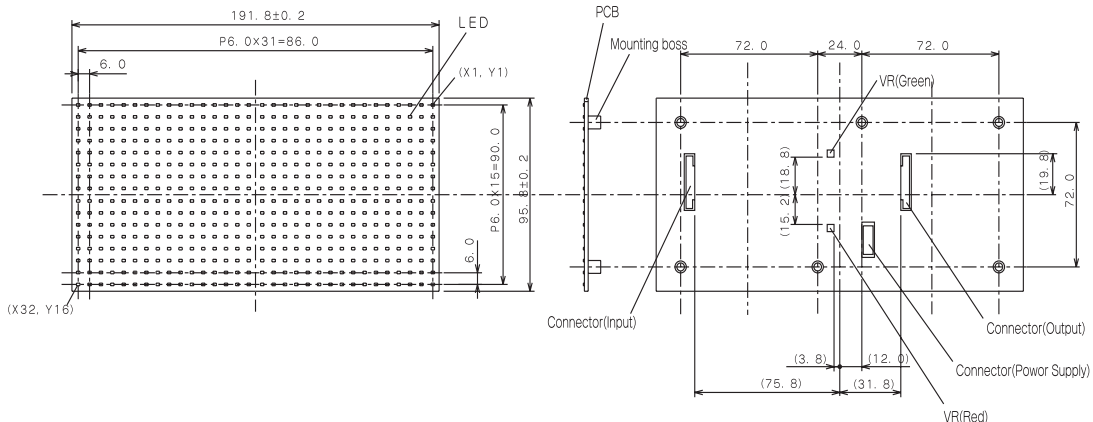


# PANEL DISPLAY UNITS

192 × 96 mm

1.6 mm × 1.25 mm 32 × 16 Dots LNP175014

Outline Drawing



Absolute Maximum Ratings (Ta = 25°C)

Item	Symbol	Ratings	Unit
Supply Voltage for Logic	V <sub>CC</sub>	- 0.3 ~ + 5.5	V
Supply Voltage for LED	V <sub>LED</sub>	Max 5.5	V
Input Voltage	V <sub>in</sub>	- 0.3 ~ V <sub>CC</sub> + 0.3	V
Operating Ambient Temperature	Topr	- 10 ~ + 45	°C
Storage Temperature	Tstg	- 25 ~ + 80	°C

Main Specifications (Ta = 25°C)

Item	Symbol	Ratings	Unit	
Display Colors		Red, Green, Amber		
Dot Diameter		1.6 × 1.25	mm	
Dots Pitch		6.0	mm	
Dot Total Number		512 (32 × 16)		
Display Surface Size		192 × 96	mm	
Brightness (when lighting all lamps)	B	Red : 70 Green : 70 Controllable	cd/m <sup>2</sup>	
Operating Method		1/16(Duty) Dynamic lighting		
Clock Frequency	CLK	Max 20	MHz	
for Logic	Supply Voltage	V <sub>CC</sub>	5.0 ± 0.25	V
	Supply Current	I <sub>CC</sub>	Max 100	mA
for LED	Supply Voltage	V <sub>LED</sub>	5.0	V
	Supply Current	I <sub>LED</sub>	Max 5.2 when two colors are all turned "ON"	A
Weight		100	g	

As it is under development the standard values are for reference.