PANEL DISPLAY UNITS

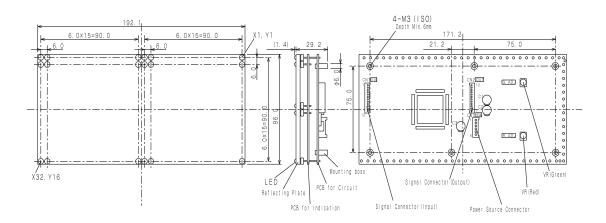
$192 \times 96 \text{ mm}$

ϕ 5 mm 32 × 16 Dots

LN5121291UNBH

■ Outline Drawing

Global Prat No. LNP175041



■ Absolute Maximum Ratings (Ta = 25°C)

Item	Symbol	Ratings	Unit
Supply Voltage for Logic	V _{CC}	− 0.3 ~ + 6.0	V
Supply Voltage for LED	V _{LED}	Max 5.5	V
Input Voltage	Vin	$-0.3 \sim V_{CC} + 0.3$	V
Operating Ambient Temperature	Topr	- 10 ~ + 45	°C
Storage Temperature	Tstg	- 25 ~ + 85	°C

■ Main Specifications (Ta = 25°C)

	Item	Symbol	Ratings	Unit
	Display Colors		Red, Green, Amber	
	Dot Diameter		ф 5.0	mm
	Dots Pitch		6.0	mm
	Dot Total Number		512 (32 × 16)	
	Display Surface Size		192×96	mm
	Brightness (when lighting all lamps)	В	R e d: 250 Green: 250 Controllable	cd/m ²
	Operating Method		1/16(Duty) Dynamic lighting	
	Clock Frequency	CLK	Max 20	MHz
for Logic	Supply Voltage	V _{CC}	5.0 ± 0.5	V
	Supply Current	I _{CC}	Max 50	mA
for LED	Supply Voltage	V _{LED}	5.0 ± 0.2	V
	Supply Current	I _{LED}	Max 5.2 when two colors are all turned "ON"	A
	Weight		320	g

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Caution for Safety



Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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