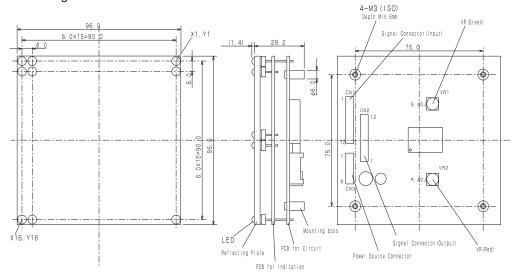
## PANEL DISPLAY UNITS

### $96 \times 96 \text{ mm}$

## $\phi$ 5 mm 16 $\times$ 16 Dots LNP125041

#### ■ Outline Drawing



#### ■ Absolute Maximum Ratings (Ta = 25°C)

Item	Symbol	Ratings	Unit
Supply Voltage for Logic	V <sub>CC</sub>	<b>-</b> 0.3 ∼ <b>+</b> 6.0	V
Supply Voltage for LED	V <sub>LED</sub>	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		256 (16 × 16)	
	Display Surface Size		96×96	mm
	Brightness (when lighting all lamps)	В	R e d: 250 Green: 250 Controllable	cd/m <sup>2</sup>
	Operating Method		1/16(Duty) Dynamic lighting	
	Clock Frequency	CLK	Max 20	MHz
C T .	Supply Voltage	V <sub>CC</sub>	$5.0 \pm 0.25$	V
for Logic	Supply Current	I <sub>CC</sub>	Max 40	mA
	Supply Voltage	V <sub>LED</sub>	$5.0 \pm 0.2$	V
for LED	Supply Current	I <sub>LED</sub>	Max 2.8 when two colors are all turned "ON"	A
	Weight		175	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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