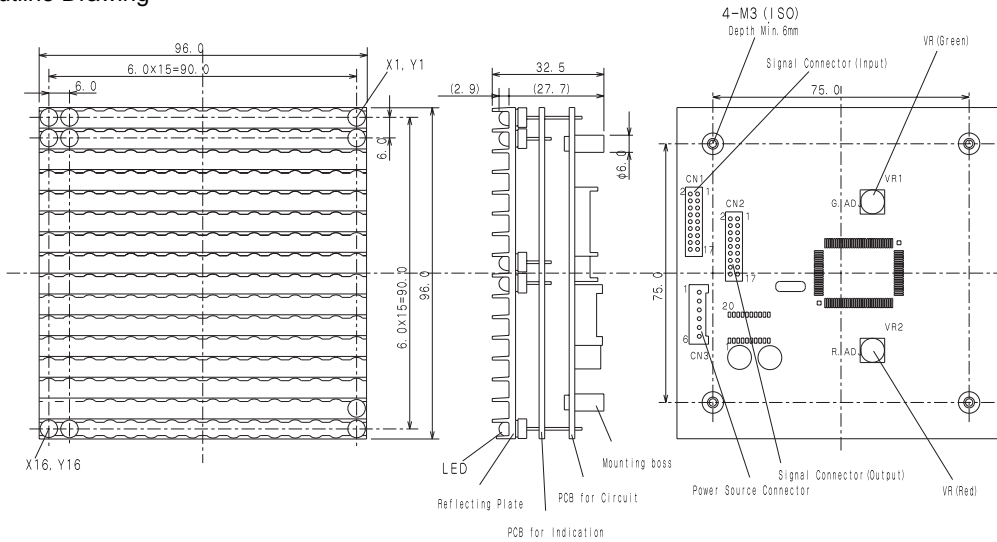


PANEL DISPLAY UNITS

96 × 96 mm

φ 5 mm 16 × 16 Dots LNP125031

■ Outline Drawing



■ 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	V _{in}	- 0.3 ~ V _{CC} + 0.3	V
Operating Ambient Temperature	T _{opr}	- 10 ~ + 45	°C
Storage Temperature	T _{stg}	- 25 ~ + 85	°C

■ Main Specifications (Ta = 25°C)

Item	Symbol	Ratings	Unit	
Display Colors		Red, Green, Amber		
Dot Diameter		φ 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)	B	Red : 600 Green : 450 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 30	mA
for LED	Supply Voltage	V _{LED}	5.0 ± 0.2	V
	Supply Current	I _{LED}	Max 3.0 when two colors are all turned "ON"	A
Weight		175	g	

Caution for Safety

 **DANGER**

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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