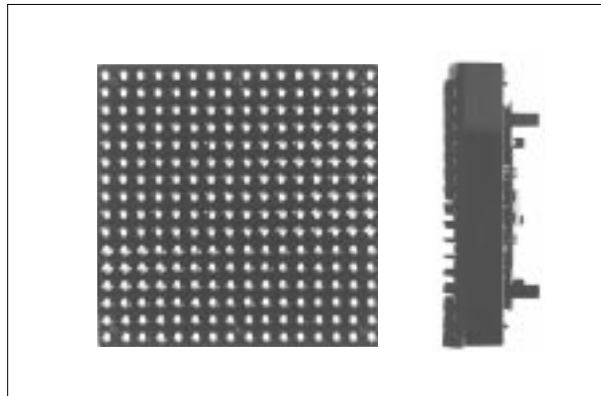


160 × 160mm

φ7.5mm 16 × 16 Dots LNP128021



#### ■ 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>	+5.2	V
Input Voltage	V <sub>IN</sub>	-0.3 ~ +5.3	V
Operating Ambient Temperature	T <sub>opr</sub>	-20 ~ +45	°C
Storage Temperature	T <sub>stg</sub>	-30 ~ +80	°C

#### ■ Main Specifications (Ta=25°C)

Item	Symbol	Ratings	Unit	
Display Colors		Red, Green, Amber		
Dot Diameter		φ7.5 Oval	mm	
Dots Pitch		9.9	mm	
Dot Total Number		256 (16 × 16)		
Display Surface Size		160 × 160	mm	
Brightness (When Lighting All Lamps)	B	Red : 1,400 Controllable Green : 800 Controllable	cd/m <sup>2</sup>	
Operating Method		1/4(Duty) Dynamic Lighting		
Clock Frequency	CLK	max.10	MHz	
for Logic	Supply Voltage	V <sub>CC</sub>	5.0±0.25	V
	Supply Current	I <sub>CC</sub>	max.150	mA
for LED	Supply Voltage	V <sub>LED</sub>	5.0	V
	Supply Current	I <sub>LED</sub>	max.8.5 When Two Colors Are All Turned "On"	A
Viewing Angle (50% Luminous)	2θ 1/2	min.30	°	
Weight		700	g	

