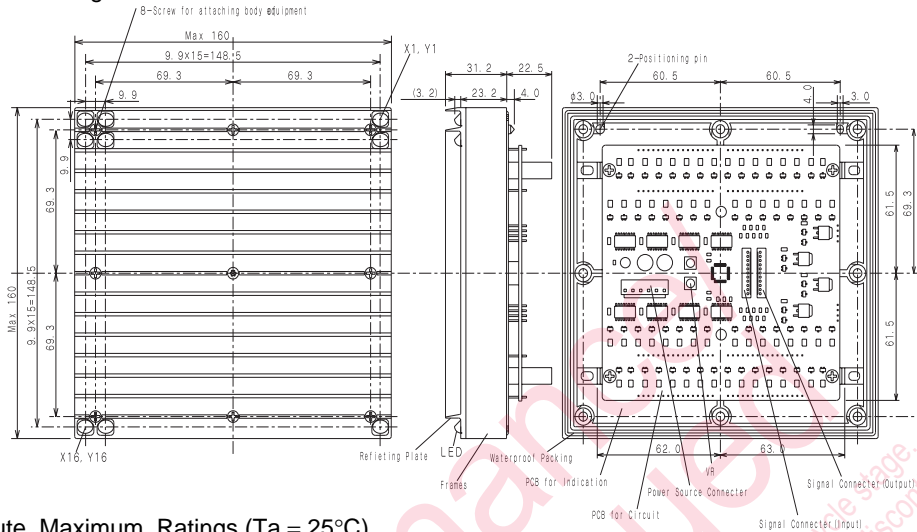


PANEL DISPLAY UNITS

160 × 160 mm

φ 8 mm 16 × 16 Dots LNP128011

■ Outline Drawing



■ Absolute Maximum Ratings (Ta = 25°C)

Item	Symbol	Ratings	Unit
Supply Voltage for Logic	V _{CC}	- 0.3 ~ + 5.5	V
Supply Voltage for LED	V _{LED}	Max 5.2	V
Input Voltage	V _{in}	- 0.3 ~ V _{CC} + 0.3	V
Operating Ambient Temperature	T _{opr}	- 20 ~ + 45	°C
Storage Temperature	T _{stg}	- 30 ~ + 85	°C

■ Main Specifications (Ta = 25°C)

Item	Symbol	Ratings	Unit	
Display Colors		Red, Green, Amber		
Dot Diameter		φ 7.5 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 Green : 800 Controllable	cd/m ²	
Operating Method		1/4(Duty) Dynamic lighting		
Clock Frequency	CLK	Max 10	MHz	
for Logic	Supply Voltage	V _{CC}	5.0 ± 0.25	V
	Supply Current	I _{CC}	Max 0.15	mA
for LED	Supply Voltage	V _{LED}	5.0 ± 0.2	V
	Supply Current	I _{LED}	Max 8.5 when two colors are all turned "ON"	A
Viewing Angle (50 % Luminous)	2θ 1/2	Min 60	°	
Weight		700	g	

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