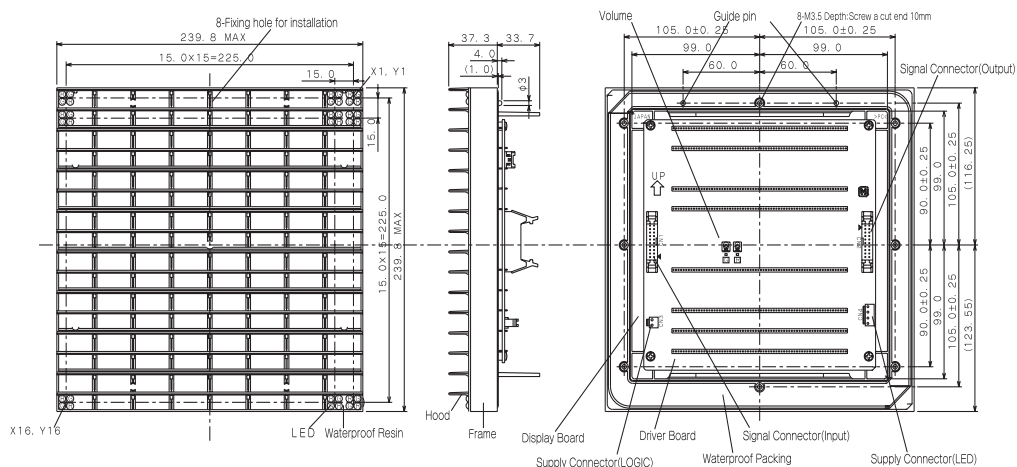


PANEL DISPLAY UNITS

240 × 240 mm

□ 13 mm 16 × 16 Dots LNP129011

■ 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 5.5	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		13 × 13	mm
Dots Pitch		15.0	mm
Dot Total Number		256 (16 × 16)	
Display Surface Size		240 × 240	mm
Brightness (when lighting all lamps)	B	Red : 2,000 Green : 1,200 Controllable	cd/m ²
Operating Method		Static lighting	
Clock Frequency	CLK	Max 5	MHz
for Logic	Supply Voltage	V _{CC}	5.0 ± 0.25 V
	Supply Current	I _{CC}	Max 1.5 mA
for LED	Supply Voltage	V _{LED}	5.0 ± 0.2 V
	Supply Current	I _{LED}	Max 8.9 when two colors are all turned "ON" A
Viewing Angle (50 % Luminouse)	2θ 1/2	Min 40	°
Weight		1100	g

As it is under development the standard values are for reference.