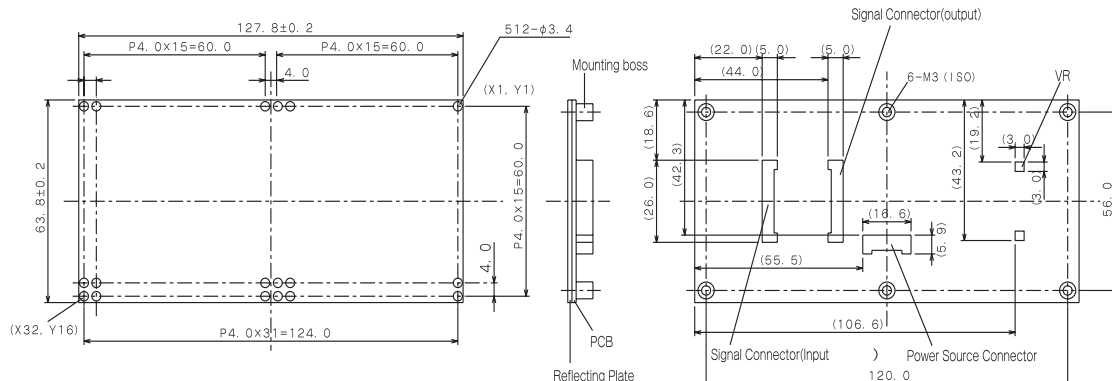


PANEL DISPLAY UNITS

128 × 64 mm

φ 3 mm 32 × 16 Dots LNP173023

■ 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 3.0 | mm |
| Dots Pitch | | 4.0 | mm |
| Dot Total Number | | 512 (32 × 16) | |
| Display Surface Size | | 128 × 64 | mm |
| Brightness (when lighting all lamps) | B | Red : 100 Green : 100 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 ± 0.25 V |
| | Supply Current | I _{CC} | Max 30 mA |
| for LED | Supply Voltage | V _{LED} | 5.0 ± 0.2 V |
| | Supply Current | I _{LED} | Max 3.5 when two colors are all turned "ON" A |
| Weight | | 60 | 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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