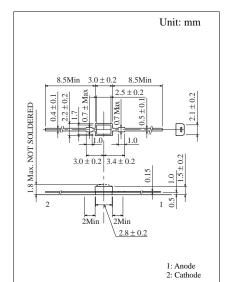
### Small Type

### **Minibright LED Series**

| Conventional Part No. | Global Prat No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN01201C(Q)           | LNG201C2RT      | ······ Red     |
| LN01301C(Q)           | LNG301C2GT      | ······ Green   |
| LN01401C(Q)           | LNG401C2XT      | ······ Amber   |
| LN01801C(Q)           | LNG801C2DT      | ······ Orange  |

#### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

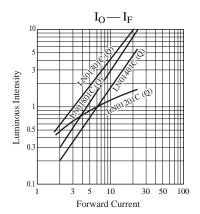
| Lighting Color | P <sub>D</sub> (mW) | I <sub>F</sub> (mA) | I <sub>FP</sub> (mA)* | $V_{R}(V)$ | T <sub>opr</sub> (°C) | T <sub>stg</sub> (°C) |
|----------------|---------------------|---------------------|-----------------------|------------|-----------------------|-----------------------|
| Red            | 60                  | 20                  | 100                   | 4          | -25 ~ +85             | -30 ~ +100            |
| Green          | 60                  | 20                  | 100                   | 4          | -25 ~ +85             | $-30 \sim +100$       |
| Amber          | 60                  | 20                  | 100                   | 4          | -25 ~ +85             | -30 ~ +100            |
| Orange         | 60                  | 20                  | 100                   | 3          | -25 ~ +85             | $-30 \sim +100$       |

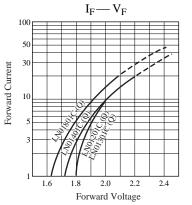


Pulse width 1 msec. The condition of  $\mathrm{I}_{\mathrm{FP}}$  is duty 10%, Pulse width 1 msec

#### Electro–Optical Characteristics ( $T_a = 25^{\circ}C$ )

| Conventional | Lighting | Lens Color | I,   | 0    |                | V   | / <sub>F</sub> | λ <sub>P</sub> | Δλ  |                | l   | R              |
|--------------|----------|------------|------|------|----------------|-----|----------------|----------------|-----|----------------|-----|----------------|
| Part No.     | Color    |            | Тур  | Min  | ۱ <sub>F</sub> | Тур | Max            | Тур            | Тур | I <sub>F</sub> | Max | V <sub>R</sub> |
| LN01201C(Q)  | Red      | Clear      | 1.5  | 0.65 | 15             | 2.2 | 2.8            | 700            | 100 | 20             | 10  | 4              |
| LN01301C(Q)  | Green    | Clear      | 10.0 | 3.50 | 20             | 2.2 | 2.8            | 565            | 30  | 20             | 10  | 4              |
| LN01401C(Q)  | Amber    | Clear      | 5.0  | 1.90 | 20             | 2.2 | 2.8            | 590            | 30  | 20             | 10  | 4              |
| LN01801C(Q)  | Orange   | Clear      | 8.0  | 3.00 | 20             | 2.1 | 2.8            | 630            | 40  | 20             | 10  | 3              |
| Unit         |          |            | mcd  | mcd  | mA             | V   | V              | nm             | nm  | mA             | μA  | V              |

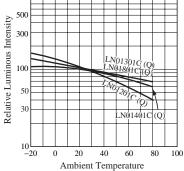


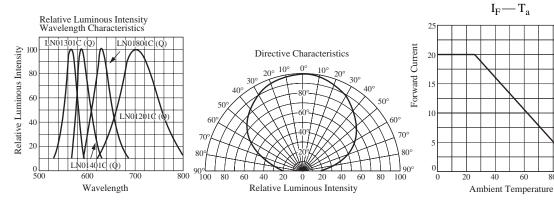




80

100







# ▲ Caution for Safety



## 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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- (3) The products described in this material are intended to be used for standard applications or general electronic equipment (such as office equipment, communications equipment, measuring instruments and household appliances).

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- Any applications other than the standard applications intended.
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Even when the products are used within the guaranteed values, redundant design is recommended, so that such equipment may not violate relevant laws or regulations because of the function of our products.

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