## LNJ811K87RA

### Hight Bright Surface Mounting Chip LED

3216 Type

### ■ Absolute Maximum Ratings $T_a = 25$ °C

| Parameter                     | Symbol           | Rating      | Unit |  |
|-------------------------------|------------------|-------------|------|--|
| Power dissipation             | $P_{\mathrm{D}}$ | 55          | mW   |  |
| Forward current               | $I_{\mathrm{F}}$ | 20          | mA   |  |
| Pulse forward current *       | $I_{FP}$         | 60          | mA   |  |
| Reverse voltage               | V <sub>R</sub>   | 4           | V    |  |
| Operating ambient temperature | T <sub>opr</sub> | -30 to +85  | °C   |  |
| Storage temperature           | T <sub>stg</sub> | -40 to +100 | °C   |  |

Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

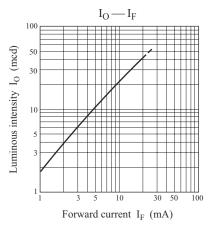
#### ■ Lighting Color

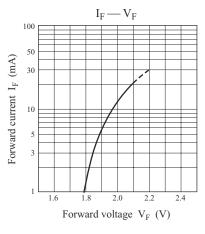
• Soft Orange

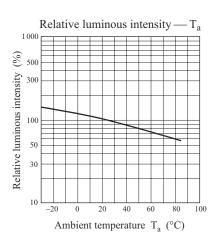
#### ■ Electro-Optical Characteristics $T_a = 25$ °C±3°C

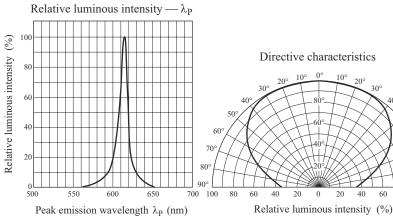
| Parameter                | Symbol                 | Conditions            | Min | Тур  | Max | Unit |
|--------------------------|------------------------|-----------------------|-----|------|-----|------|
| Luminous intensity *     | I <sub>O</sub>         | $I_F = 10 \text{ mA}$ | 10  | 21   |     | med  |
| Reverse current          | $I_R$                  | $V_R = 4 V$           |     |      | 100 | μА   |
| Forward voltage          | V <sub>F</sub>         | $I_F = 10 \text{ mA}$ |     | 1.95 | 2.5 | V    |
| Peak emission wavelength | $\lambda_{\mathrm{P}}$ | $I_F = 10 \text{ mA}$ |     | 615  |     | nm   |
| Spectral half band width | Δλ                     | $I_F = 10 \text{ mA}$ |     | 15   |     | nm   |

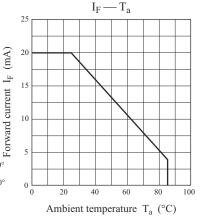
Note) \*: Measurement tolerance: ±20%







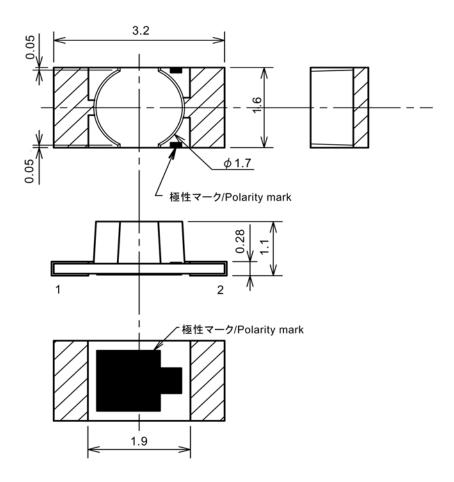




LNJ811K87RA Panasonic

■ Package (Unit: mm)

## KLTFTN2K1100



- Pin name
  - 1: Anode
  - 2: Cathode

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