

# LNJ998CKCDA

## Round Type

φ3.0 mm

### ■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

| Parameter                     | Symbol    | Rating      | Unit             |
|-------------------------------|-----------|-------------|------------------|
| Power dissipation             | $P_D$     | 120         | mW               |
| Forward current               | $I_F$     | 30          | mA               |
| Pulse forward current *       | $I_{FP}$  | 100         | mA               |
| Reverse voltage               | $V_R$     | 5           | V                |
| Operating ambient temperature | $T_{opr}$ | -25 to +85  | $^\circ\text{C}$ |
| Storage temperature           | $T_{stg}$ | -30 to +100 | $^\circ\text{C}$ |

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

### ■ Lighting Color

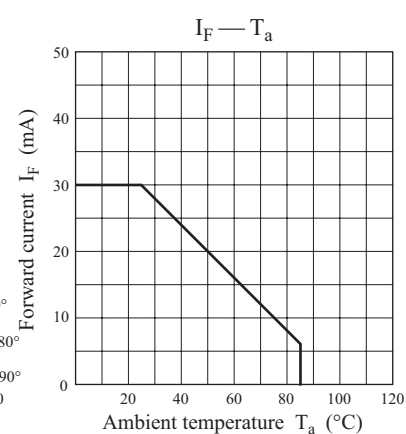
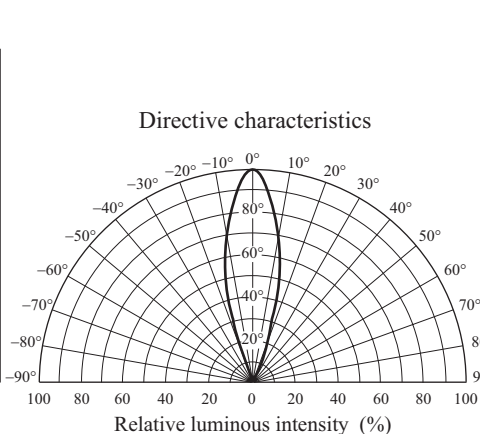
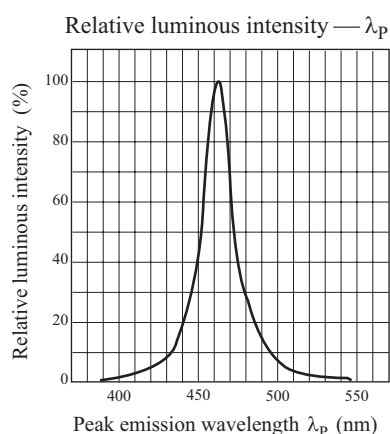
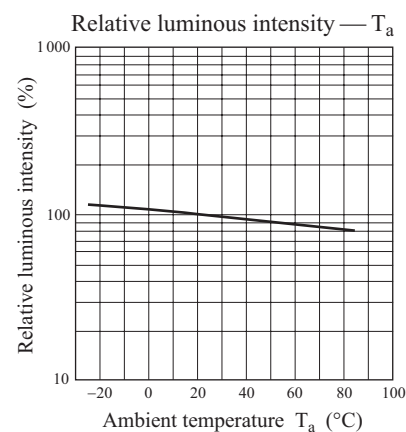
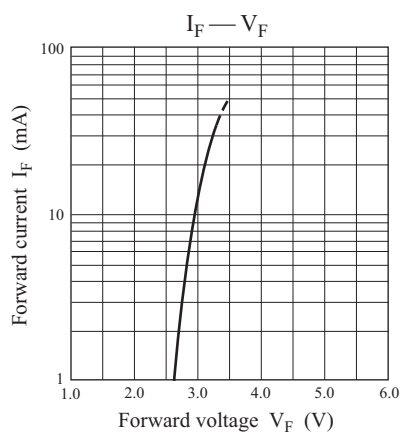
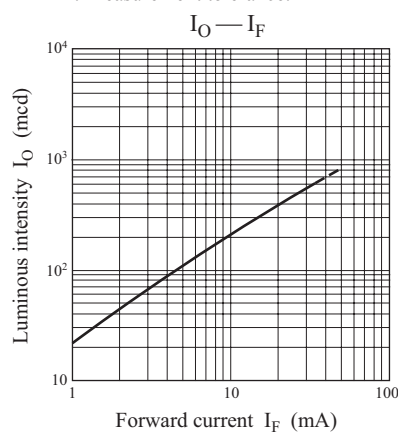
- Blue

### ■ Electro-Optical Characteristics $T_a = 25^\circ\text{C}$

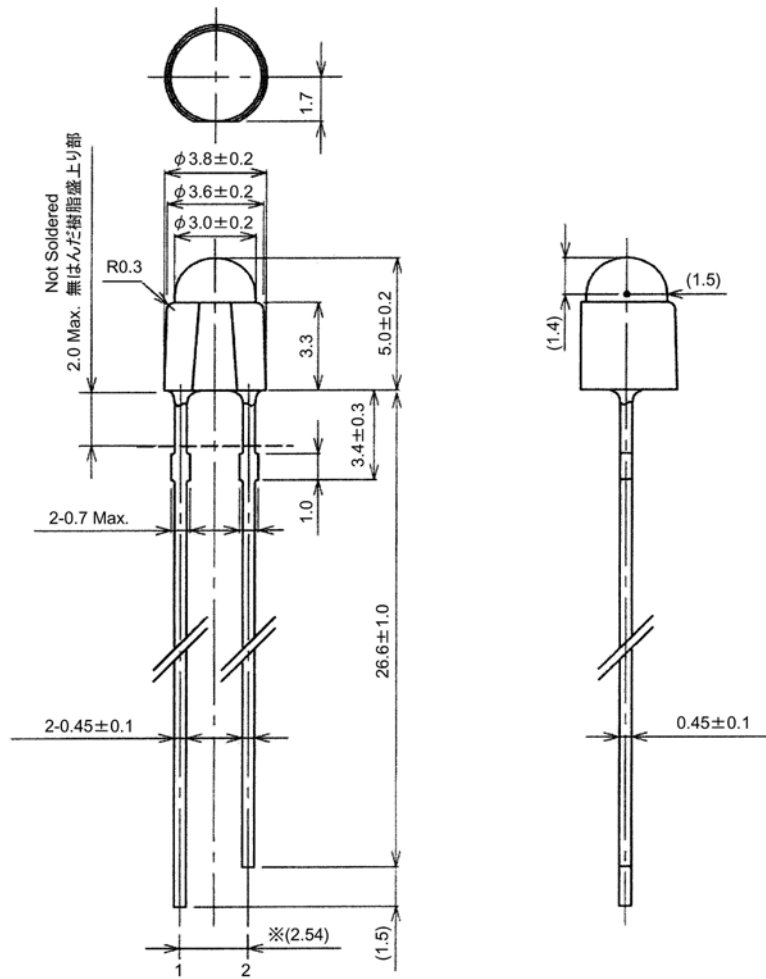
| Parameter                       | Symbol          | Conditions           | Min | Typ | Max | Unit          |
|---------------------------------|-----------------|----------------------|-----|-----|-----|---------------|
| Luminous intensity *1           | $I_O$           | $I_F = 20\text{ mA}$ | 200 | 400 |     | mcd           |
| Reverse current                 | $I_R$           | $V_R = 5\text{ V}$   |     |     | 10  | $\mu\text{A}$ |
| Forward voltage                 | $V_F$           | $I_F = 20\text{ mA}$ |     | 3.1 | 4.0 | V             |
| Dominant emission wavelength *2 | $\lambda_d$     | $I_F = 20\text{ mA}$ | 462 | 467 | 472 | nm            |
| Peak emission wavelength        | $\lambda_p$     | $I_F = 20\text{ mA}$ |     | 462 |     | nm            |
| Spectral half band width        | $\Delta\lambda$ | $I_F = 20\text{ mA}$ |     | 20  |     | nm            |

Note) \*1: Measurement tolerance:  $\pm 20\%$

\*2: Measurement tolerance:  $\pm 2\text{ nm}$



■ Package (Unit: mm)



• Pin name

- 1: Anode
- 2: Cathode

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