# LNW997CKB

## Round Type

ϕ3.0 mm

### ■ Absolute Maximum Ratings $T_a$ = 25°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 +80 | °C |
| Storage temperature | $T_{stg}$ | –30 to +100 | °C |

Note) *: The conditon of $I_{FP}$ is duty 10%, pulse width 10 ms.

### ■ Lighting Color

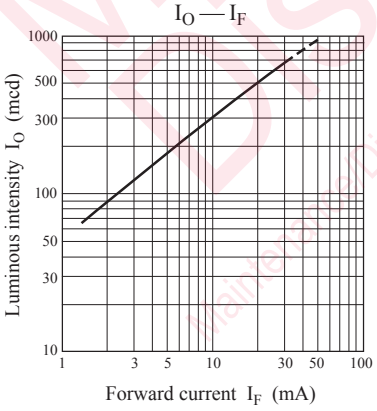
• Blue

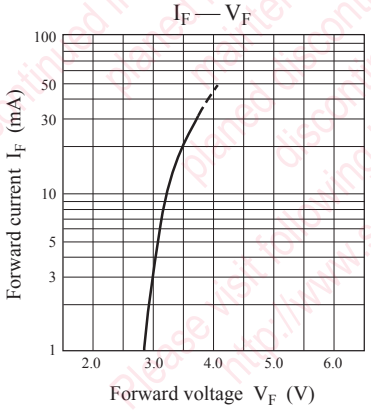
### ■ Electro-Optical Characteristics $T_a$ = 25°C±3°C

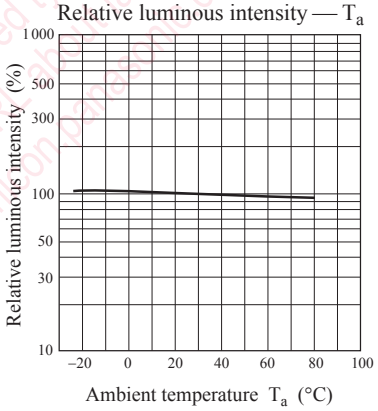
| Parameter | Symbol | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Luminous intensity | $I_O$ | $I_F$ = 20 mA | 140 | 500 | | mcd |
| Reverse current | $I_R$ | $V_R$ = 5 V | | | 10 | μA |
| Forward voltage | $V_F$ | $I_F$ = 20 mA | | 3.5 | 4.0 | V |
| Peak emission wavelength | $\lambda_P$ | $I_F$ = 20 mA | | 468 | | nm |
| Dominant emission wavelength | $\lambda_d$ | $I_F$ = 20 mA | 460 | 470 | 480 | nm |
| Spectral half band width | Δλ | $I_F$ = 20 mA | | 30 | | nm |

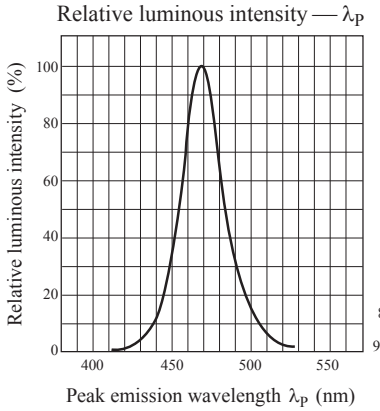
Note) Be careful of the product destruction by static electricity.

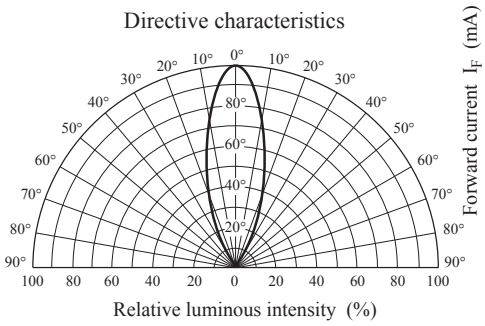


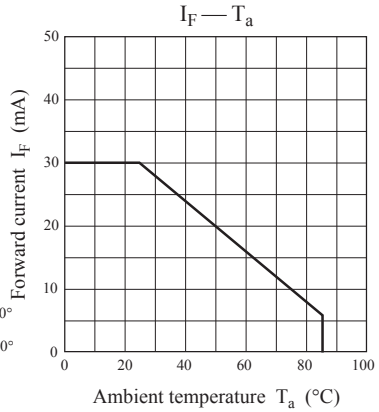


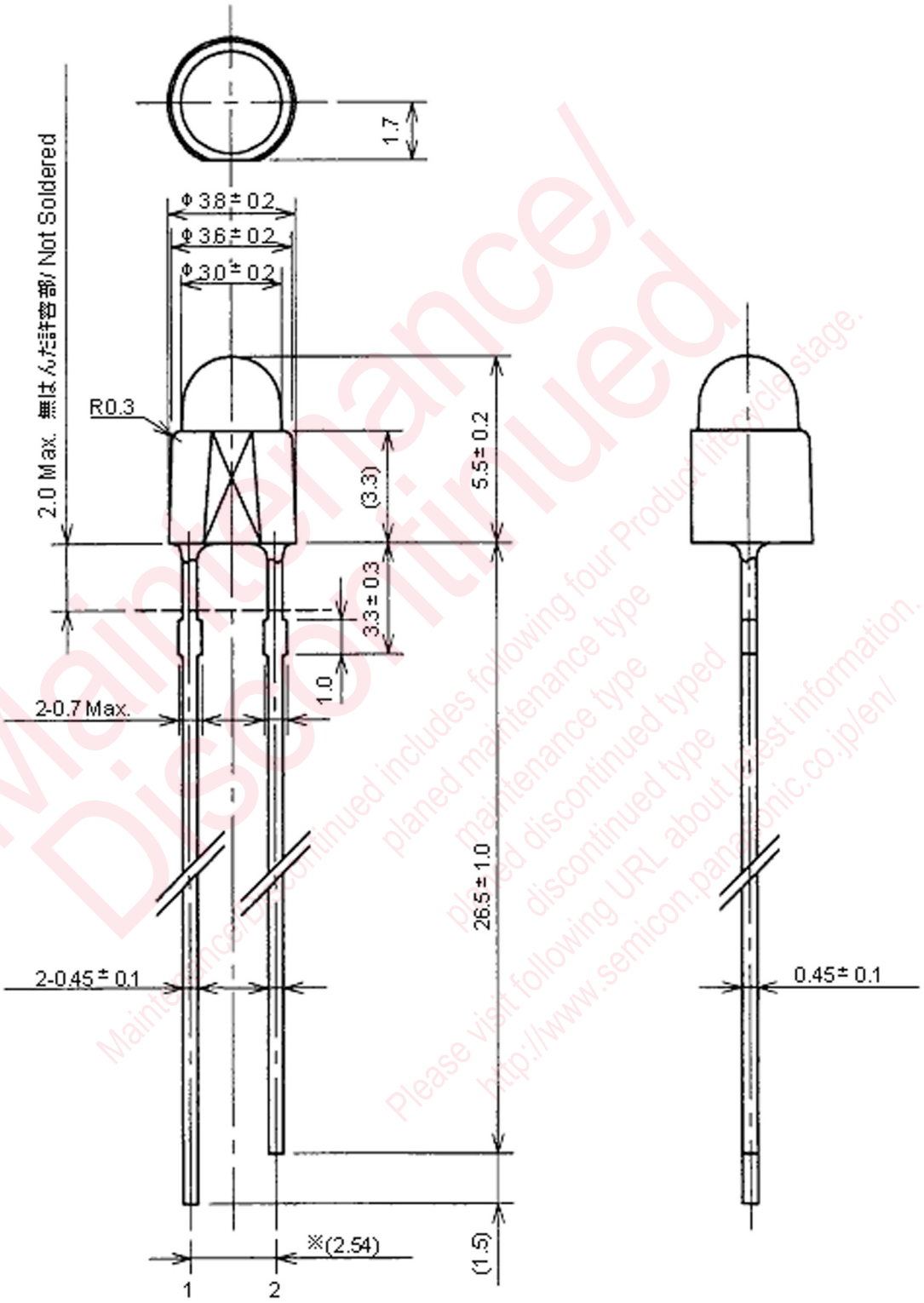



■ Package (Unit: mm)

## LLXLTN2SK970






● 端子名

1: Anode

2: Cathode

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(6) Comply with the instructions for use in order to prevent breakdown and characteristics change due to external factors (ESD, EOS, thermal stress and mechanical stress) at the time of handling, mounting or at customer's process. When using products for which damp-proof packing is required, satisfy the conditions, such as shelf life and the elapsed time since first opening the packages.



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