

LNG21LRKR

Round Type

φ5.0 mm Series

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

| Parameter | Symbol | Rating | Unit |
|-------------------------------|-----------|-------------|------------------|
| Power dissipation | P_D | 70 | mW |
| Forward current | I_F | 25 | mA |
| Pulse forward current * | I_{FP} | 150 | mA |
| Reverse voltage | V_R | 4 | V |
| Operating ambient temperature | T_{opr} | -25 to +85 | $^\circ\text{C}$ |
| Storage temperature | T_{stg} | -30 to +100 | $^\circ\text{C}$ |

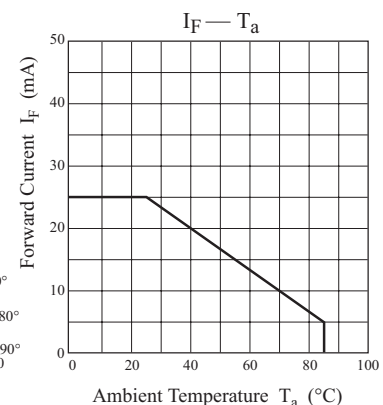
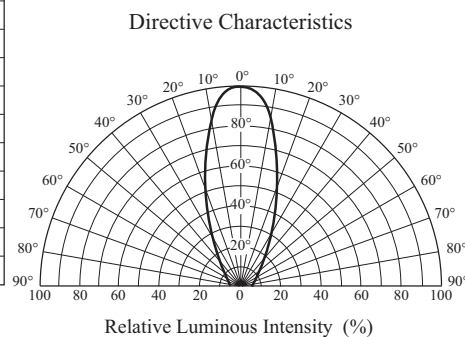
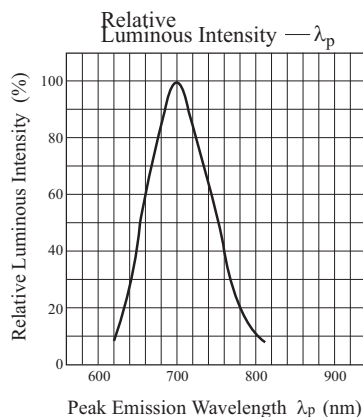
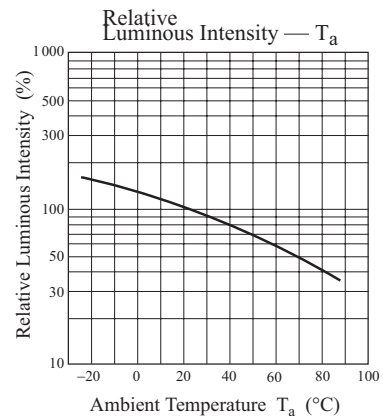
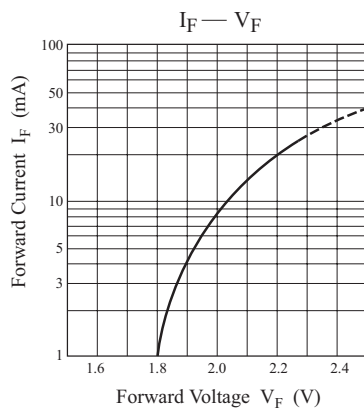
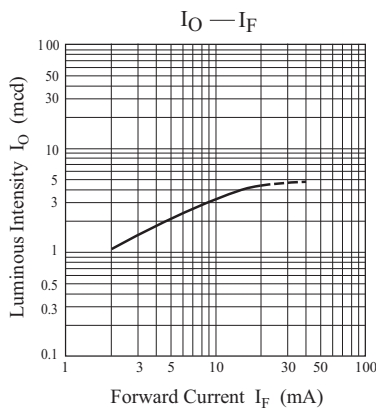
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Lighting Color / Lens Color

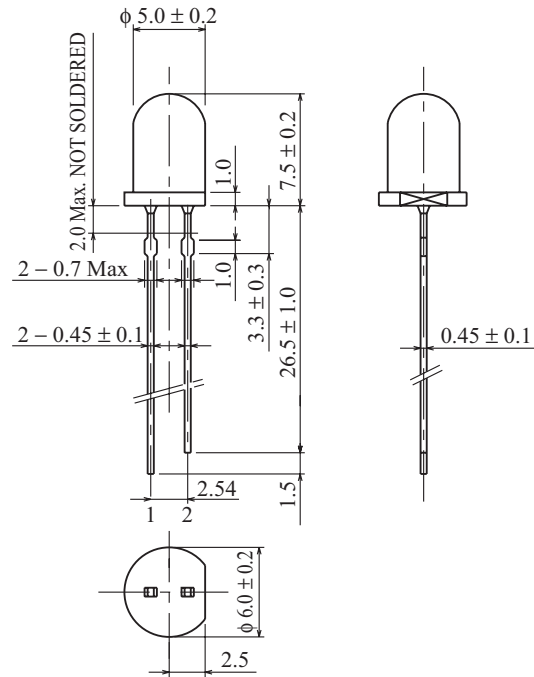
- Red / Red Diffused

■ Electro-Optical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

| Parameter | Symbol | Conditions | Min | Typ | Max | Unit |
|--------------------------|-----------------|-----------------------|-----|-----|-----|---------------|
| Luminous intensity | I_O | $I_F = 15 \text{ mA}$ | 1.5 | 4.0 | | mcd |
| Reverse current | I_R | $V_R = 4 \text{ V}$ | | | 5 | μA |
| Forward voltage | V_F | $I_F = 20 \text{ mA}$ | | 2.2 | 2.8 | V |
| Peak emission wavelength | λ_p | $I_F = 20 \text{ mA}$ | | 700 | | nm |
| Spectral half band width | $\Delta\lambda$ | $I_F = 20 \text{ mA}$ | | 100 | | nm |



■ Package (Unit: mm)



- Pin name
- 1: Anode
- 2: Cathode

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