LN1861CTR

Surface Mounting Chip LED

GW Type

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

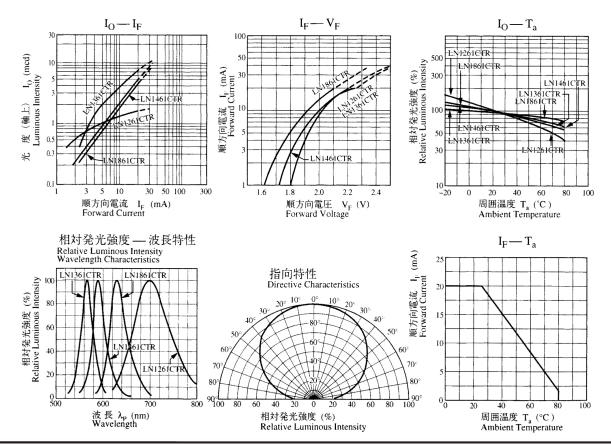
| Parameter | Symbol | Rating | Unit | |
|-------------------------------|------------------|------------|------|--|
| Power dissipation | P _D | 60 | mW | |
| Forward current | I _F | 20 | mA | |
| Pulse forward current * | I _{FP} | 60 | mA | |
| Reverse voltage | V _R | 3 | V | |
| Operating ambient temperature | T _{opr} | -25 to +80 | °C | |
| Storage temperature | T _{stg} | -30 to +85 | °C | |

Lighting Color / Lens Color

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

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

| Parameter | Symbol | Conditions | Min | Тур | Max | Unit |
|--------------------------|-------------------|----------------------------|-----|-----|-----|------|
| Luminous intensity | I _O | | 1.9 | 5.0 | | mcd |
| Forward current | I _F | | | 20 | | mA |
| Forward voltage | V _F | $I_F = 20 \text{ mA}$ | | 2.1 | 2.8 | V |
| Peak emission wavelength | $\lambda_{\rm P}$ | $I_{\rm F} = 20 {\rm mA}$ | | 630 | | nm |
| Spectral half band width | Δλ | $I_{\rm F} = 20 {\rm mA}$ | | 40 | | nm |
| Reverse current | I _R | $V_R = 3 V$ | | | 10 | μΑ |



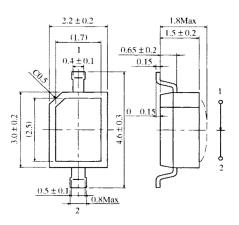
Publication date: December 2007

Orange / Clear

LN1861CTR

Panasonic

Package (Unit: mm)



- Pin name
- 1: Anode
- 2: Cathode

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