

LED DATA SHEET

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|---------------|----------|-------------|----------------|
| Part No. | LY615C30 | | |
| Emitted Color | Yellow | Len's Color | Color Diffused |

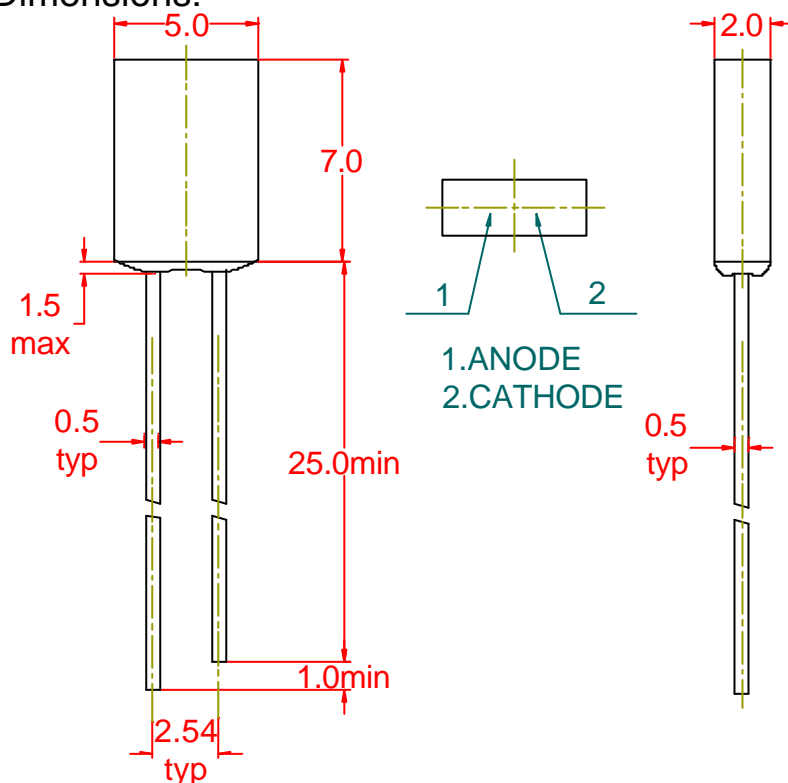
Features:

2.0 × 5mm Rectangular Without Flange resin mold type

General purpose leads

Chip material : GaAsP

Package Dimensions:



Note:

- 1、 All dimensions are in millimetres (mm)
- 2、 Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted

Absolute Maximum Rating (Ta=25)

| Parameter | Symbol | Max. | Unit |
|---|-----------------|-----------|------|
| Power Dissipation | P _M | 80 | Mw |
| Pulse Forward Current (Duty 1/10 @ 1kHz) | I _{FP} | 100 | mA |
| Continuous Forward Current | I _F | 30 | mA |
| Reverse Voltage | V _R | 6 | V |
| Operating Temperature Range | Topr | -25 ~ 85 | |
| Storage Temperature Range | Tstg | -40 ~ 100 | |
| Solder Temperature : 2.0mm From Body For 3 Seconds at 260 | | | |

Electrical Optical Characteristics (Ta=25)

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|--------------------------|-------------------|------|------|------|------|----------------------|
| Luminous Intensity | I _V | -- | 2.5 | -- | mcd | I _F =10mA |
| Forward Voltage | V _F | -- | 2.1 | 2.5 | V | I _F =20mA |
| Reverse Current | I _R | -- | | 50 | uA | V _R =5V |
| Dominant Wavelength | λ _d | -- | 587 | -- | nm | I _F =20mA |
| Peak Emission Wavelength | λ _p | -- | 587 | -- | nm | I _F =20mA |
| Spectral Line Half Width | | -- | 30 | -- | nm | I _F =20mA |
| Viewing Angle | 2θ _{1/2} | -- | 100 | -- | Deg. | I _F =20mA |

Note:

- 1、The luminous intensity data and λ_p is survey values with the machine JF- 、JS-2000.
- 2、2θ_{1/2} is the clip angle at which the luminous intensity is half the axial luminous intensity.

Typical Characteristic Curves:

