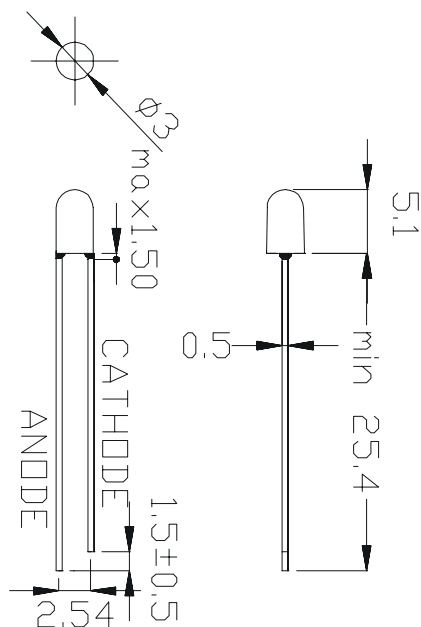


## Device Selection Guide

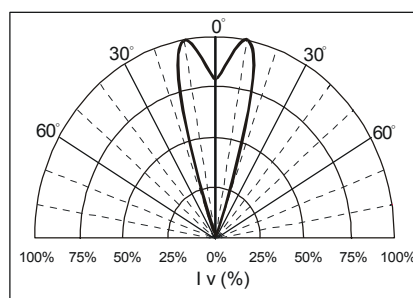
| Part Number<br>EOL- | Luminous Intensity<br>I <sub>v</sub> (mcd) @ I <sub>F</sub> = 20mA |      | Viewing Angle<br>2θ <sub>1/2</sub> | Dominant Wavelength<br>λ <sub>D</sub> (nm) @ I <sub>F</sub> = 20mA | Forward Voltage<br>V <sub>F</sub> (V) @ I <sub>F</sub> = 20 mA |      | I <sub>R</sub> (μA)<br>@ V <sub>R</sub> = 5V | Stand Off | Epoxy Color |
|---------------------|--------------------------------------------------------------------|------|------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------|------|----------------------------------------------|-----------|-------------|
|                     | Min.                                                               | Typ. | Typ.                               | Typ.                                                               | Typ.                                                           | Max. | Max.                                         |           |             |
| 3KYHCC0-TK          | 810                                                                | 900  | 40°                                | 589                                                                | 2.2                                                            | 2.6  | 10                                           | No        | Clear       |

| BIN #                                     | R        | S         |  |  |  |
|-------------------------------------------|----------|-----------|--|--|--|
| Intensity (mcd)<br>@ I <sub>F</sub> =20mA | 810-1135 | 1135-1590 |  |  |  |

## Package Dimensions



## Beam Pattern



### Note:

- All dimensions are in millimeter.
- Unspecified tolerance : ±0.20mm.
- Protruded resin under bottom surface of epoxy is 1.5mm max.
- Lead spacing is measured where the leads emerge from the package
- Specifications are subject to be changed without notice.

## Absolute Maximum Ratings at T<sub>A</sub> = 25°C

| Parameter                           | Symbol            | Maximum Value     | USER---APPROVED |
|-------------------------------------|-------------------|-------------------|-----------------|
| Average Forward Current             | I <sub>F</sub>    | 30mA              |                 |
| Peak Forward Current <sup>[a]</sup> | I <sub>peak</sub> | 100mA             |                 |
| Reverse Voltage                     | V <sub>R</sub>    | 5V                |                 |
| Power Dissipation                   | P <sub>D</sub>    | 78mW              |                 |
| Operating Temperature Range         | T <sub>OPR</sub>  | -40°C ~ + 85°C    |                 |
| Storage Temperature Range           | T <sub>STO</sub>  | -40°C ~ + 100°C   |                 |
| Lead Soldering Temperature          | T <sub>SOL</sub>  | 260°C / 5 seconds |                 |

Notes: [a] Duty Ratio = 1/10, Pulse Width = 0.1ms.

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