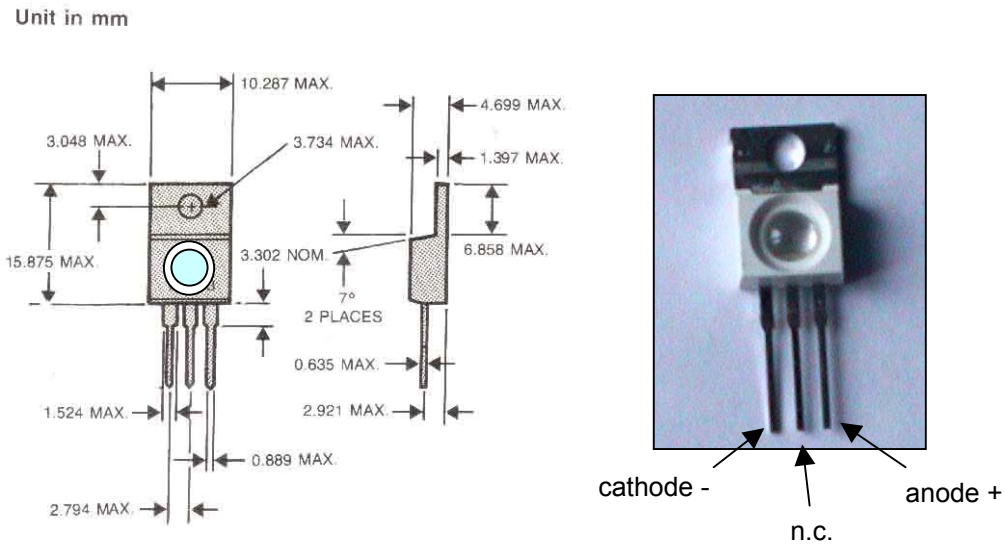


|                      |                 |               |
|----------------------|-----------------|---------------|
| <b>Device</b>        | <b>400TO220</b> | <b>UV-LED</b> |
| <b>Dice Material</b> | <b>GaN</b>      |               |
| <b>Light Color</b>   | <b>UV</b>       |               |

**Package Dimensions:**



**Absolute Maximum Ratings at Ta = 25°C**

| Parameter  | Max.             | Unit |
|--|------------------|------|
| DC Forward Current   | 20               | mA   |
| Operation Temperature  | Topr: -25 ~ +85  | °C   |
| Storage temperature  | Topr: -25 ~ +100 | °C   |
| Reverse Voltage  | 5                | V    |
| Lead Soldering Temperature [1.6mm From Body] 260°C for 3 seconds |                  |      |

**Electrical Optical Characteristics at Ta = 25°C**

| Description              | Symbol          | Min. | Typ. | Max. | Unit    | Test Condition |
|--------------------------|-----------------|------|------|------|---------|----------------|
| Spectral Line Half-Width | $\Delta\lambda$ | -    | 5    | -    | nm      | If = 20 mA     |
| Forward Voltage          | Vf              | -    | 3.8  | -    | V       | If = 20 mA     |
| Reverse Current          | Ir              | -    | -    | 10   | $\mu$ A | Vr = 5 V       |
| Peak Emission Wavelength | $\lambda_p$     | 390  | 395  | 400  | nm      | If = 20 mA     |
| Viewing Angle            | $2\theta_{1/2}$ |      | 60   |      | °       | If = 20 mA     |
| Optical Power            | Po              | 2.5  | 3.5  | 4.5  | mW      | If = 20 mA     |

**Notes:**

- Soldering shall be performed after lead forming.
- All dimensions are in millimeters.
- Static electricity damages the LEDs. It is recommended to take full care when handling products.

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