



2.4(L)×0.85(W)×0.35(H)mm

● 2色発光タイプのチップLEDです。

● 2-colored illuminated type chip LED

右記以外の発光色につきましてはお問い合わせください。  
Please contact us for luminescent colors other than those described at right.

## ●絶対最大定格/Absolute Maximum Rating

(Ta 25°C)

| Series | Lighting color | P <sup>※1</sup><br>(mW) | Pd<br>(mW) | If<br>(mA) | Ifp<br>(mA)       | VR<br>(V) | Top<br>(°C) | Tst<br>(°C) |
|--------|----------------|-------------------------|------------|------------|-------------------|-----------|-------------|-------------|
| CL-365 | TR2            | —                       | 48         | 20         | 100 <sup>※2</sup> | 5         | -25~+80     | -30~+85     |
|        | WS             |                         | 76         |            |                   |           |             |             |

※1 Pは同時点灯時の全許容損失を示します。

※1 P means total value of power dissipation when both colors are on.

※2 Ifpの条件はduty 1/10、パルス巾30msecです。

※2 Condition for Ifp is pulse of 1/10 duty and 30msec width.

## ●電気的光学的特性/Electro-optical Characteristics

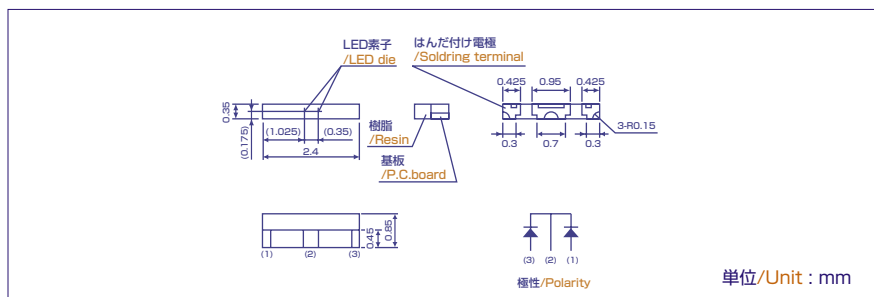
(Ta 25°C)

| Parameter                                   | Lighting color | Symbol | Conditions | MIN               | TYP   | MAX   | Unit |
|---------------------------------------------|----------------|--------|------------|-------------------|-------|-------|------|
| 順電圧/<br>Forward Voltage                     | TR2            | VF     | If=5mA     | —                 | 1.85  | 2.4   | V    |
|                                             | WS             |        |            | —                 | 2.9   | 3.15  |      |
| 逆電流/<br>Reverse Current                     | TR2            | IR     | VR=5V      | —                 | —     | 100   | μA   |
|                                             | WS             |        |            | —                 | —     | 2     |      |
| 光度/<br>Luminous Intensity <sup>※1</sup>     | TR2            | Iv     | If=5mA     | 7                 | 12    | —     | mcd  |
|                                             | WS             |        |            | 75                | 105   | —     |      |
| ドミナント波長/Dominant Wavelength                 | TR2            | λd     | If=5mA     | —                 | 630   | —     | nm   |
| 色度座標/Chromaticity coordinates <sup>※2</sup> | x, y           | If=5mA |            | x(±0.02) y(±0.02) |       |       |      |
|                                             |                |        |            | a                 | 0.255 | 0.195 |      |
|                                             |                |        |            | b                 | 0.255 | 0.235 |      |
|                                             |                |        |            | c                 | 0.295 | 0.324 |      |
|                                             |                |        |            | d                 | 0.315 | 0.304 |      |

※1 NIST規格に準拠。/Compliant with NIST.

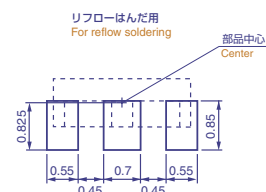
※2 色度座標は、a、b、c、dに囲まれた範囲です。/Chromaticity coordinates is surrounded with a,b,c,d.

## ●外形寸法図/Outline drawing



## 推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



## ■ 諸特性 / Characteristics

