TSS Bi-Color Type

Conventional Part No. Global Parts No. Lighting Color
LNJ115W8PRA ·········· LNJ115W8PRA ·········· Green / Red

■ Absolute Maximum Ratings (T_a = 25°C)

<table>
<thead>
<tr>
<th>Lighting Color</th>
<th>P_D (mW)</th>
<th>I_F (mA)</th>
<th>I_FP (mA)</th>
<th>V_R (V)</th>
<th>T_opt (°C)</th>
<th>T_stg (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>60</td>
<td>20</td>
<td>60</td>
<td>4</td>
<td>-30 ~ +85</td>
<td>-40 ~ +100</td>
</tr>
<tr>
<td>Red</td>
<td>50</td>
<td>20</td>
<td>60</td>
<td>3</td>
<td>-30 ~ +85</td>
<td>-40 ~ +100</td>
</tr>
</tbody>
</table>

Pulse width 1 msec. The condition of I FP is duty 10%. Pulse width 1 msec

■ Electro–Optical Characteristics (T_a = 25°C)

<table>
<thead>
<tr>
<th>Conventional Part No.</th>
<th>Lighting Color</th>
<th>Lens Color</th>
<th>I_O (Typ Min)</th>
<th>I_F (Typ Max)</th>
<th>V_F (nm)</th>
<th>λ_P (μm)</th>
<th>Δλ (nm)</th>
<th>I_R (Typ Max)</th>
<th>V_R (μA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LNJ115W8PRA Green</td>
<td>White Diffused</td>
<td>5.0 1.8</td>
<td>10 2.03 2.6</td>
<td>565 30 10</td>
<td>100 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td></td>
<td>6.7 2.2</td>
<td>10 1.72 2.5</td>
<td>655 20 10</td>
<td>100 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Unit: mcd mcd mA V V nm nm mA μA V

Surface Mounting Chip LED
Caution for Safety

DANGER

Gallium arsenide material (GaAs) is used in this product.
Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.
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