LNJ115W88RA

Surface Mounting Chip LED

TSS-2 Type

■ Absolute Maximum Ratings $T_a = 25$ °C

• Yellow Green

| Parameter | Symbol | Rating | Unit | |
|-------------------------------|------------------|-------------|------|--|
| Power dissipation | P_{D} | 60 | mW | |
| Forward current | I_{F} | 20 | mA | |
| Pulse forward current * | I_{FP} | 60 | mA | |
| Reverse voltage | V _R | 4 | V | |
| Operating ambient temperature | T _{opr} | -30 to +85 | °C | |
| Storage temperature | T _{stg} | -40 to +100 | °C | |

Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

• Amber

| Parameter | Symbol | Rating | Unit | |
|-------------------------------|--------------------------|-------------|------|--|
| Power dissipation | P_{D} | 55 | mW | |
| Forward current | I_{F} | 20 | mA | |
| Pulse forward current * | I _{FP} | 60 | mA | |
| Reverse voltage | V _R | 4 | V | |
| Operating ambient temperature | $T_{\rm opr}$ -30 to +80 | | °C | |
| Storage temperature | T _{stg} | -40 to +100 | °C | |

Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Electro-Optical Characteristics $T_a = 25$ °C

• Yellow Green

| Parameter | Symbol | Conditions | Min | Тур | Max | Unit |
|--------------------------|------------------|-----------------------|-----|------|-----|------|
| Luminous intensity | I _O | $I_F = 10 \text{ mA}$ | 1.8 | 5.0 | | med |
| Reverse current | I_R | $V_R = 4 V$ | | | 10 | μΑ |
| Forward voltage | V_{F} | $I_F = 10 \text{ mA}$ | | 2.03 | 2.6 | V |
| Peak emission wavelength | $\lambda_{ m P}$ | $I_F = 10 \text{ mA}$ | | 565 | | nm |
| Spectral half band width | Δλ | $I_F = 10 \text{ mA}$ | | 30 | | nm |

■ Lighting Color

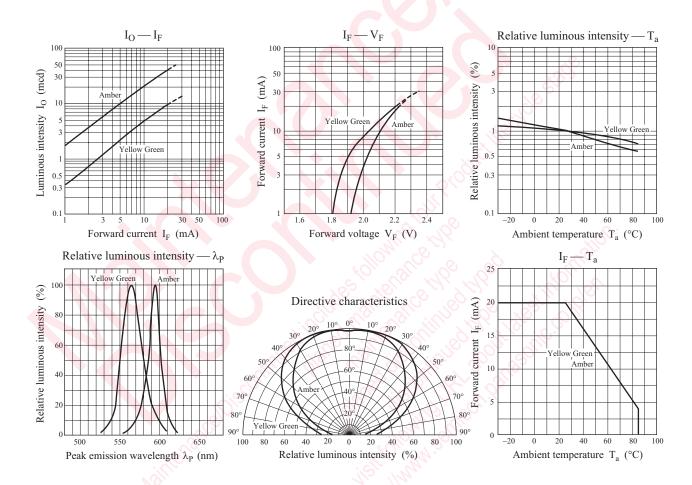
- Yellow Green
- Amber

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■ Electro-Optical Characteristics (Continued) $T_a = 25$ °C

• Amber

| Parameter | Symbol | Conditions | Min | Тур | Max | Unit |
|--------------------------|------------------------|-----------------------|-----|-----|-----|------|
| Luminous intensity | I_{O} | $I_F = 10 \text{ mA}$ | 7 | 21 | | mcd |
| Reverse current | I_R | $V_R = 4 V$ | | | 100 | μΑ |
| Forward voltage | $V_{\rm F}$ | $I_F = 10 \text{ mA}$ | | 2.1 | 2.6 | V |
| Peak emission wavelength | λ_{P} | $I_F = 10 \text{ mA}$ | | 595 | | nm |
| Spectral half band width | Δλ | $I_F = 10 \text{ mA}$ | | 15 | | nm |

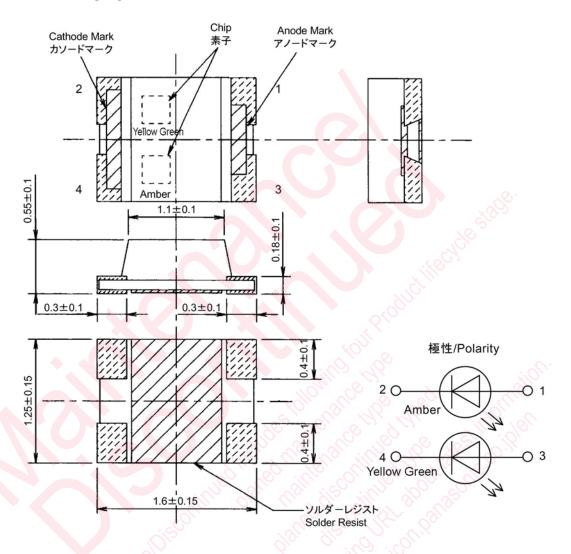


2 SHD00440BEK

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■ Package (Unit: mm)

KLTFTN4K1540



- Pin name
 - 1, 3: Anode
 - 2, 4: Cathode

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