LNJ818C83RA

Hight Bright Surface Mounting Chip LED

Dome-Lens Type

■ Absolute Maximum Ratings $T_a = 25$ °C

| Parameter | Symbol | Rating | Unit | |
|-------------------------------|------------------|-------------|------|--|
| Power dissipation | P_{D} | 55 | mW | |
| Forward current | I_{F} | 20 | mA | |
| Pulse forward current * | I_{FP} | 100 | 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.

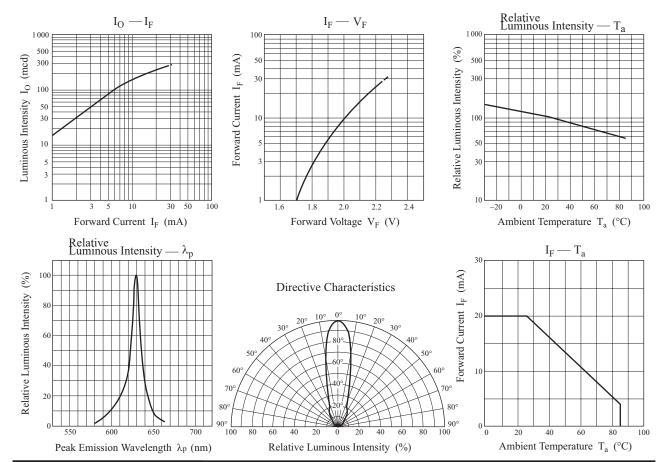
■ Lighting Color

• Orange

■ Electro-Optical Characteristics $T_a = 25$ °C±3°C

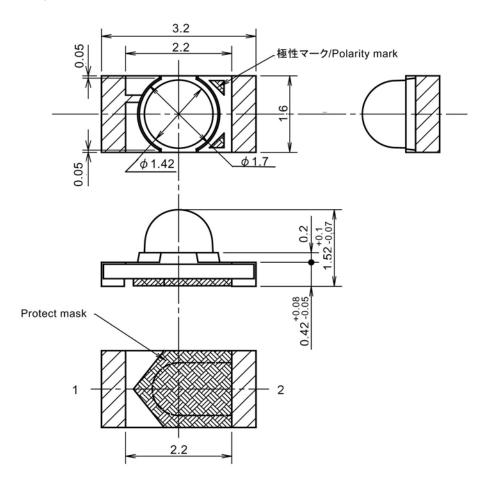
| Parameter | Symbol | Conditions | Min | Тур | Max | Unit |
|--------------------------|------------------------|-----------------------|-----|------|-----|------|
| Luminous intensity * | I _O | $I_F = 10 \text{ mA}$ | 85 | 160 | | mcd |
| Reverse current | I_R | $V_R = 4 V$ | | | 10 | μА |
| Forward voltage | V _F | $I_F = 10 \text{ mA}$ | | 2.03 | 2.5 | V |
| Peak emission wavelength | λ_{P} | $I_F = 10 \text{ mA}$ | | 630 | | nm |
| Spectral half band width | Δλ | $I_F = 10 \text{ mA}$ | | 15 | | nm |

Note) *: Measurement tolerance: ±20%



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■ Package (Unit: mm)



• Pin name

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- 1: Anode
- 2: Cathode

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