# LN1451CTR

Surface Mounting Chip LED

Ј Туре

### Absolute Maximum Ratings $T_a = 25^{\circ}C$

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Parameter	Symbol	Rating	Unit	
Power dissipation	P <sub>D</sub>	45	mW	
Forward current	I <sub>F</sub>	15	mA	
Pulse forward current *	I <sub>FP</sub>	60	mA	
Reverse voltage	V <sub>R</sub>	4	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +80	°C	
Storage temperature	T <sub>stg</sub>	-30 to +85	°C	

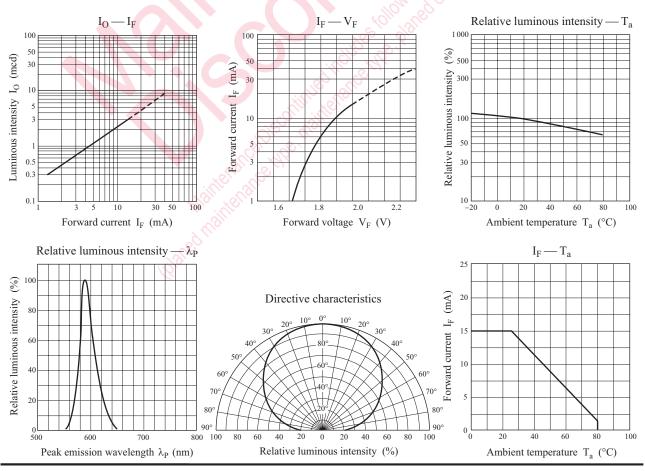
Lighting Color

• Amber

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

#### Electro-Optical Characteristics $T_a = 25^{\circ}C$

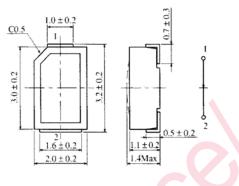
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Parameter	Symbol		Conditions	Min	Тур	Max	Unit
Luminous intensity	Io	$I_F = 10 \text{ mA}$		0.8	2.2 8	P	mcd
Reverse current	I <sub>R</sub>	$V_R = 4 V$			1000	10	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 15 \text{ mA}$		(00°, 8°	2.1	2.8	V
Peak emission wavelength	$\lambda_P$	$I_F = 15 \text{ mA}$	illes and	din	590		nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	en en	<i>b.</i>	30		nm



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Package (Unit: mm)





• Pin name

1: Anode

2: Cathode

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