## **LN1851CTR**

### Surface Mounting Chip LED

J Type

#### ■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	arameter Symbol		Unit	
Power dissipation	$P_{\mathrm{D}}$	45	mW	
Forward current	$I_{\mathrm{F}}$	15	mA	
Pulse forward current *	$I_{FP}$	60	mA	
Reverse voltage	V <sub>R</sub>	3	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +80	°C	
Storage temperature	T <sub>stg</sub>	-30 to +85	°C	

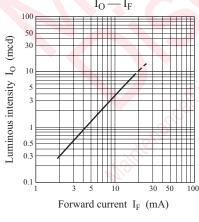
Note) \*: The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec.

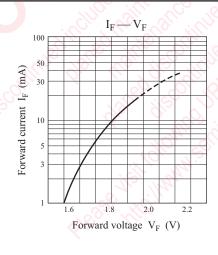
#### ■ Lighting Color

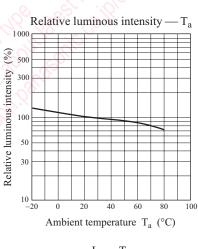
• Orange

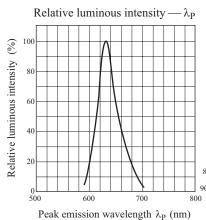
### ■ Electro-Optical Characteristics $T_a = 25$ °C

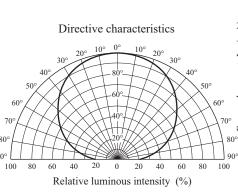
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	$I_{O}$	$I_F = 10 \text{ mA}$	1.3	3.5		mcd
Reverse current	$I_R$	$V_R = 3 V$			10	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 15 \text{ mA}$		2.05	2.8	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 15 \text{ mA}$	60	630	100	nm
Spectral half band width	Δλ	$I_F = 15 \text{ mA}$	9	40	10:01	nm

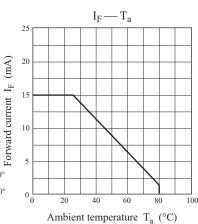








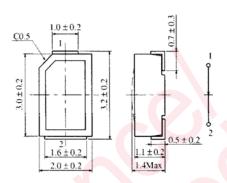




LN1851CTR Panasonic

■ Package (Unit: mm)

## LLDFTR2G5100



- Pin name
  - 1: Anode
  - 2: Cathode

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