

LNJ312G8TRA

Surface Mounting Chip LED

TSS Type

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

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	50	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	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +100	$^\circ\text{C}$

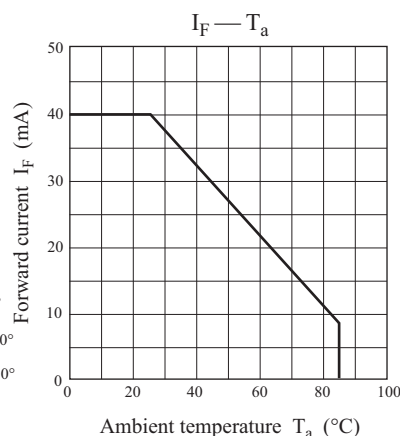
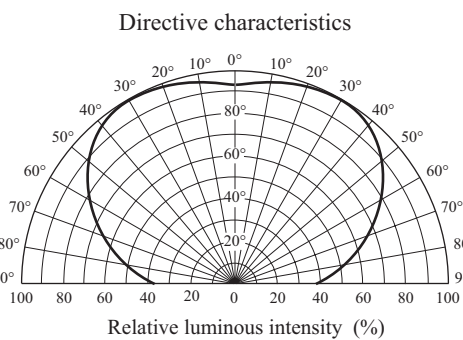
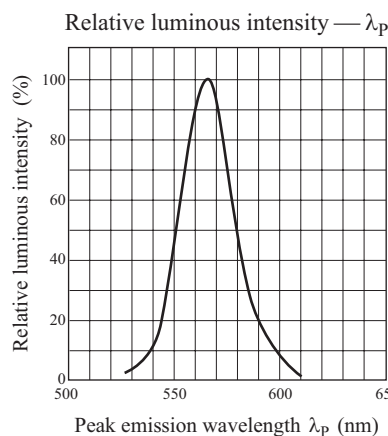
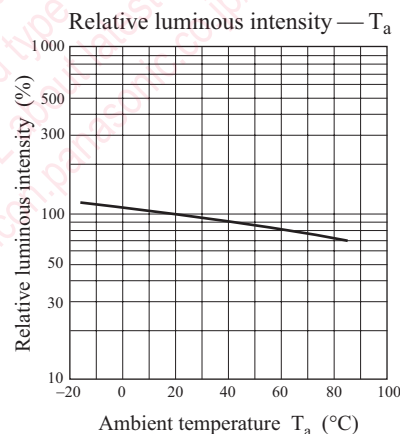
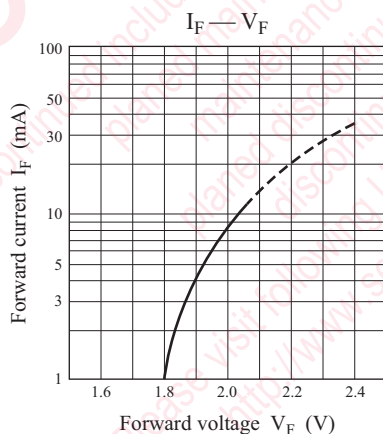
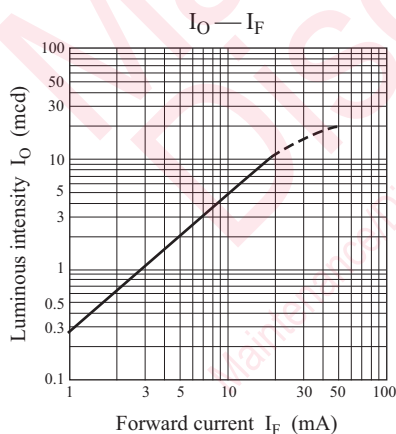
■ Lighting Color

- Yellow Green

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

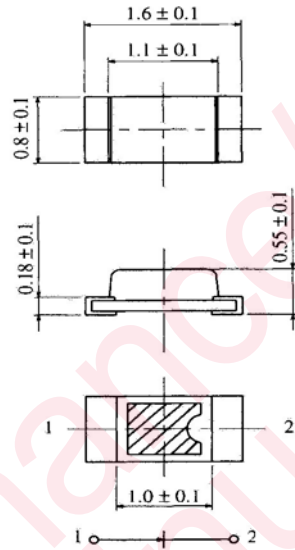
■ Electro-Optical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		1.8	5.0		mcd
Reverse current	I_R	$V_R = 4\text{ V}$			10	μA
Forward voltage	V_F	$I_F = 10\text{ mA}$		2.03	2.6	V
Peak emission wavelength	λ_p	$I_F = 10\text{ mA}$		565		nm
Spectral half band width	$\Delta\lambda$	$I_F = 10\text{ mA}$		30		nm



■ Package (Unit: mm)

KLTF2N2K1200



- Pin name
- 1: Anode
- 2: Cathode

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This book describes standard applications or general electronic equipment (such as office equipment and household appliances).

Special applications:

Automobiles, traffic control equipment, combustion equipment, life support equipment, etc. where high reliability are required, or if the failure or malfunction of the product may cause serious damage to life or property.

Products are subject to change without notice for modification and/or improvement of the products, therefore, ask for the most up-to-date Product Information for details to satisfy your requirements.

Do not exceed the absolute maximum rating and the guaranteed operating conditions (such as temperature range). Especially, please be careful not to exceed the range of absolute maximum rating for turn-on and mode-switching. Otherwise, we will not be liable for any damage to the products.



Please take into the consideration of incidence of break down and failure in the systems such as redundant design, arresting the spread of fire, personal injury, fire, social damages, for example, by using the products.

Product performance and characteristics change due to external factors (ESD, EOS, etc.) during mounting or at customer's process. When using products for which reliability is important, please check the shelf life and the elapsed time since first opening the packages.

Do not use the products partially, without the prior written permission of our company.

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