

# LNJ408K8YRA

## Surface Mounting Chip LED

SS 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 *	$I_{FP}$	100	mA
Reverse voltage	$V_R$	4	V
Operating ambient temperature	$T_{opr}$	-25 to +85	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-40 to +100	$^\circ\text{C}$

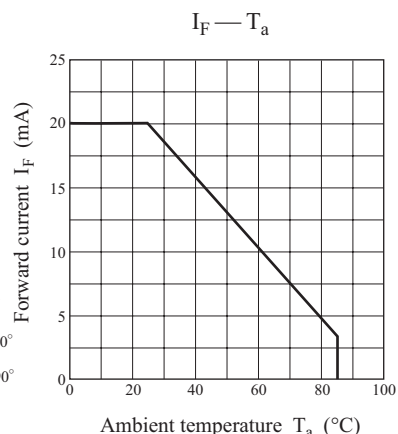
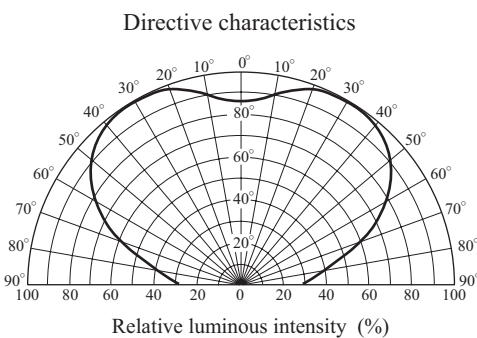
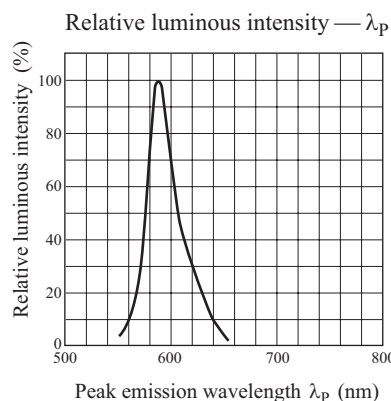
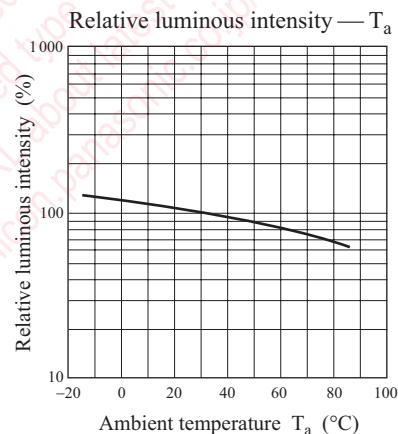
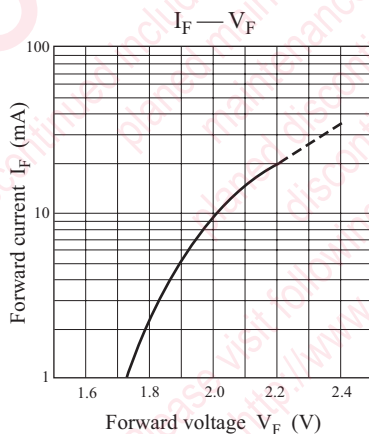
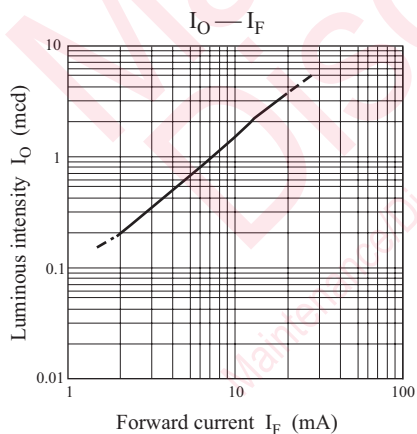
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

■ Lighting Color

- Amber

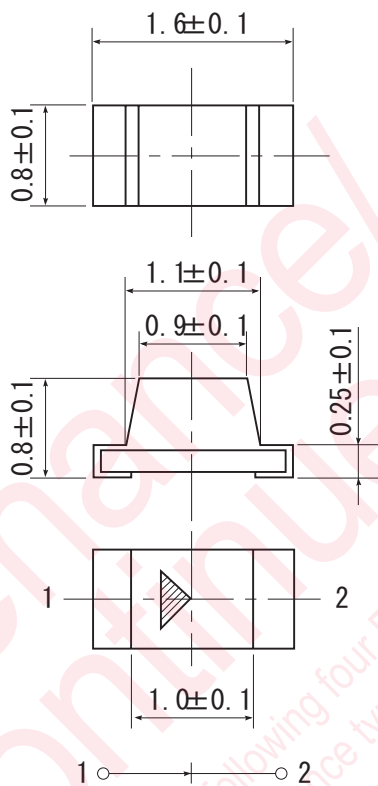
■ Electro-Optical Characteristics  $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	$I_O$	$I_F = 10\text{ mA}$	0.6	1.5		mcd
Reverse current	$I_R$	$V_R = 4\text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 10\text{ mA}$		2.0	2.6	V
Peak emission wavelength	$\lambda_p$	$I_F = 10\text{ mA}$		590		nm
Spectral half band width	$\Delta\lambda$	$I_F = 10\text{ mA}$		30		nm



■ Package (Unit: mm)

**KLTFTN2K0800**



- Pin name
- 1: Anode
- 2: Cathode

Maintenance/Discontinued includes following four Product lifecycle stage.  
planned maintenance type  
maintenance type  
planned discontinued type  
discontinued type  
Please visit following URL about latest information.  
<http://www.semicon.panasonic.co.jp/en/>

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

g applications:

obiles, traffic control equipment, combustion equipment, life support  
reliability are required, or if the failure or malfunction of the prod-

are subject to change without notice for modification and/or im-  
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bsolute maximum rating and the guaranteed operating conditions  
) . Especially, please be careful not to exceed the range of absolute  
r-off and mode-switching. Otherwise, we will not be liable for any



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

own and characteristics change due to external factors (ESD, EOS,  
ounting or at customer's process. When using products for which  
elf life and the elapsed time since first opening the packages.

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