

LNJ208R8ARA

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	3	V
Operating ambient temperature	T_{opr}	-25 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +100	$^\circ\text{C}$

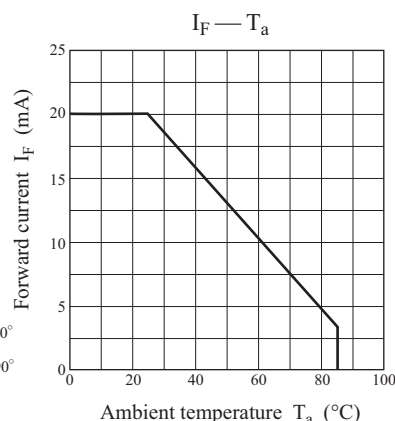
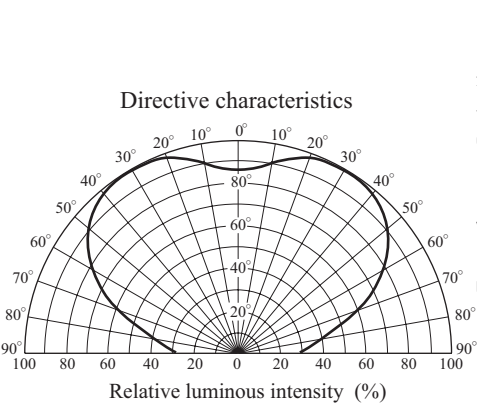
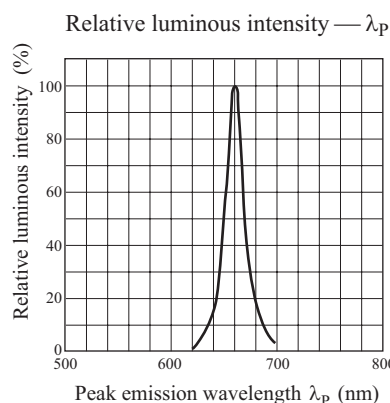
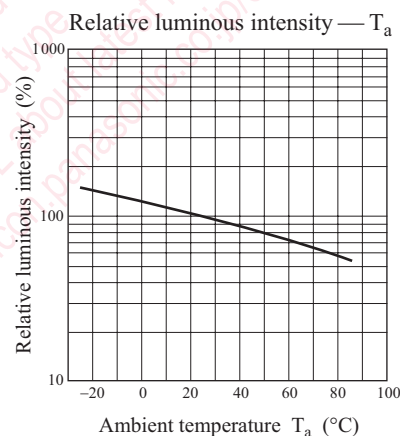
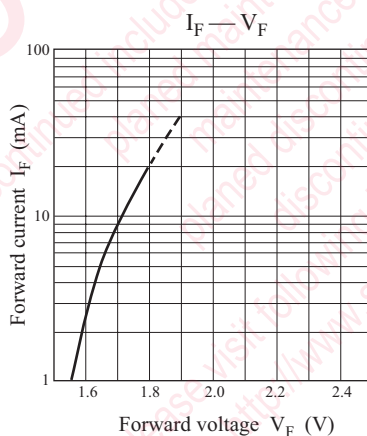
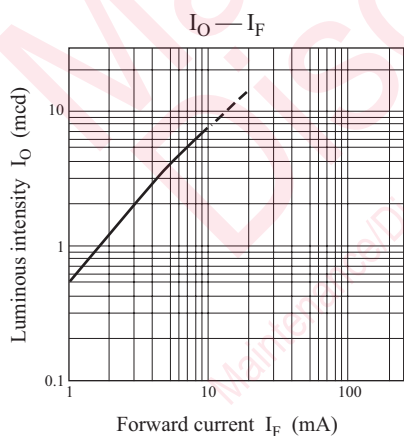
■ Lighting Color

- Red

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

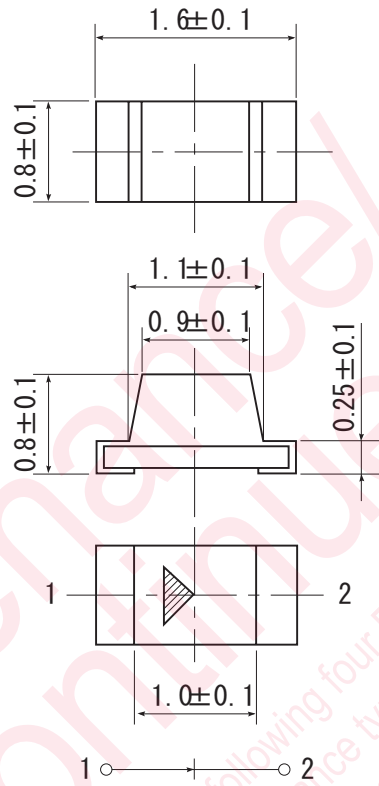
■ Electro-Optical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O	$I_F = 10\text{ mA}$	2.75	6.7		mcd
Reverse current	I_R	$V_R = 3\text{ V}$			100	μA
Forward voltage	V_F	$I_F = 10\text{ mA}$		1.72	2.5	V
Peak emission wavelength	λ_p	$I_F = 10\text{ mA}$		660		nm
Spectral half band width	$\Delta\lambda$	$I_F = 10\text{ mA}$		20		nm



■ Package (Unit: mm)

KLTFN2K0800



- Pin name
- 1: Anode
- 2: Cathode

Maintenance/Discontinued includes following four Product lifecycle stage.
planned maintenance type
maintenance type
planned discontinued type
discontinued type
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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,
mounting 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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