

LNJ812K87RA

High Bright Surface Mounting Chip LED

TSS Type

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

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	55	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	$^\circ\text{C}$

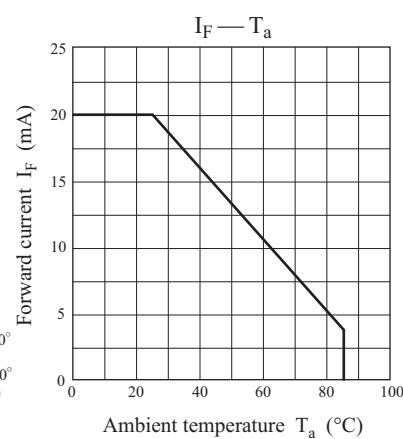
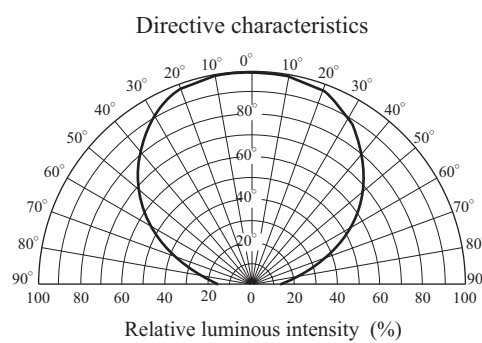
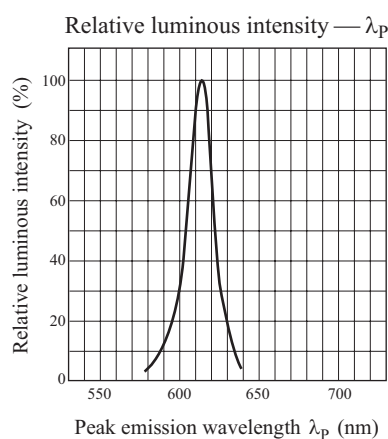
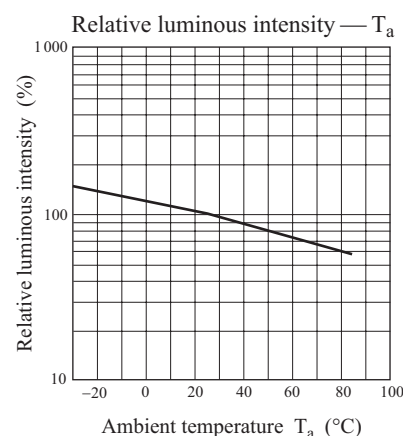
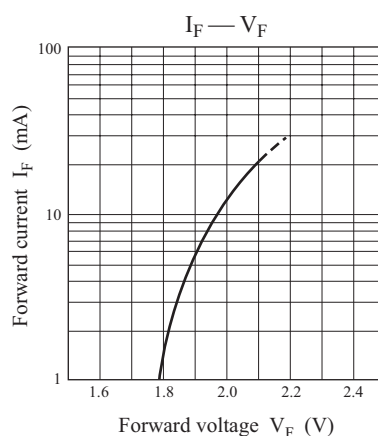
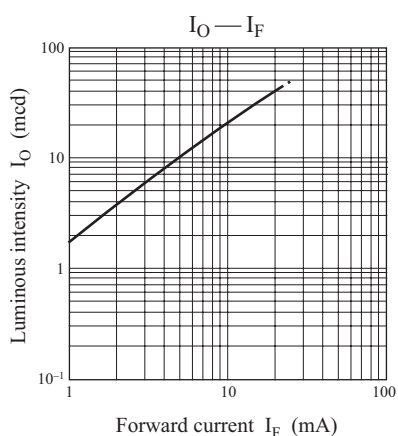
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

Lighting Color

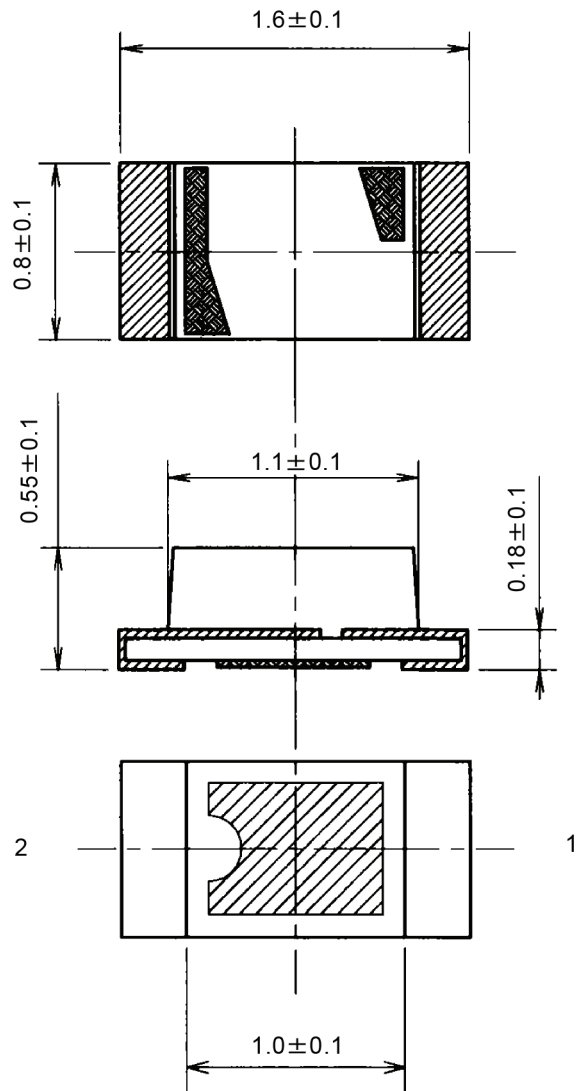
- Soft Orange

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

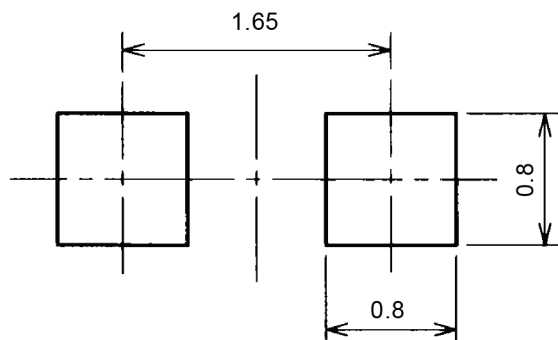
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O	$I_F = 10\text{ mA}$	7.0	21.0		mcd
Reverse current	I_R	$V_R = 4\text{ V}$			100	μA
Forward voltage	V_F	$I_F = 10\text{ mA}$		1.95	2.5	V
Peak emission wavelength	λ_p	$I_F = 10\text{ mA}$		615		nm
Spectral half band width	$\Delta\lambda$	$I_F = 10\text{ mA}$		20		nm



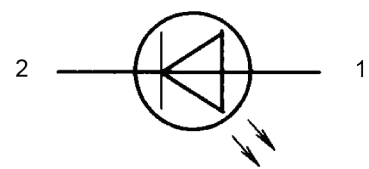
■ Package (Unit: mm)



推奨パターン/Recommended Land Layout



極性/Polarity



- 1. Anode
- 2. Cathode

(注 1) パッケージ寸法については電極バリを含まない。
 (Note1) Electrode projection is not included in the package dimensions.

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