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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# LNJ814K8SRA

## Surface Mounting Chip LED

USS Type

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

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	40	mW
Forward current	$I_F$	15	mA
Pulse forward current *	$I_{FP}$	50	mA
Reverse voltage	$V_R$	3	V
Operating ambient temperature	$T_{opr}$	-30 to +85	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-40 to +100	$^\circ\text{C}$

### ■ Lighting Color

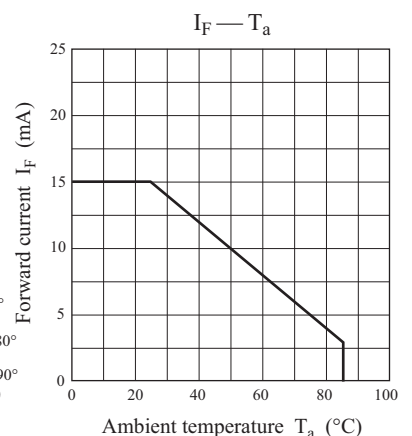
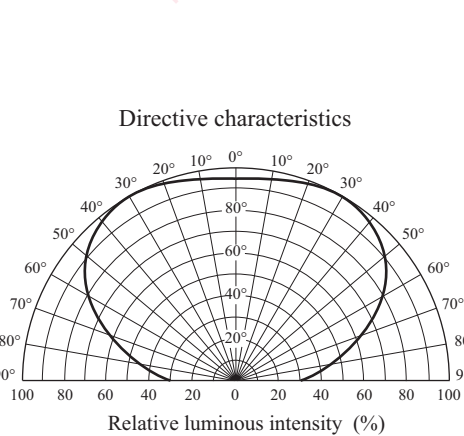
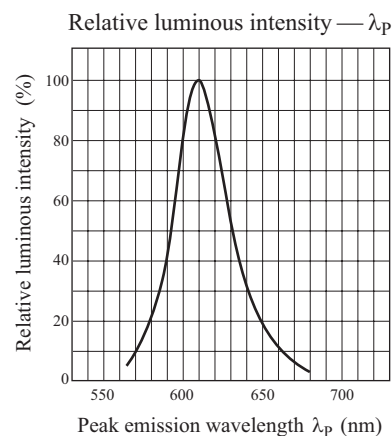
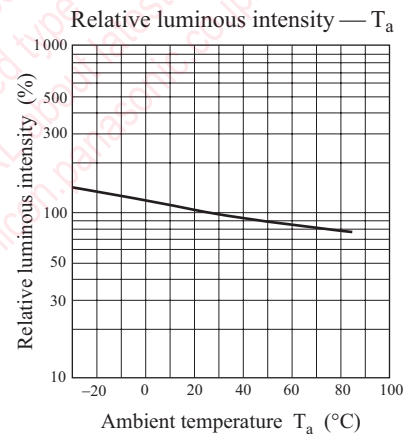
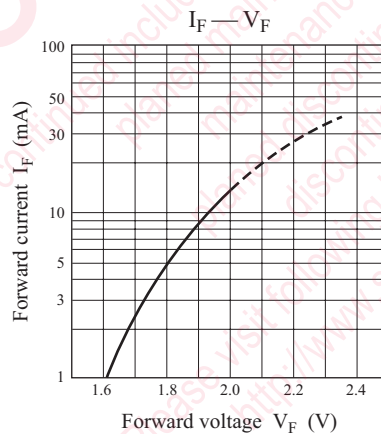
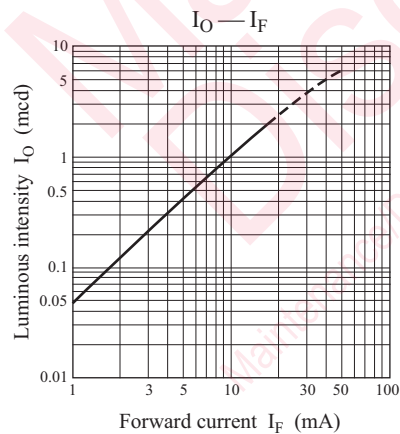
- Soft Orange

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

### ■ Electro-Optical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

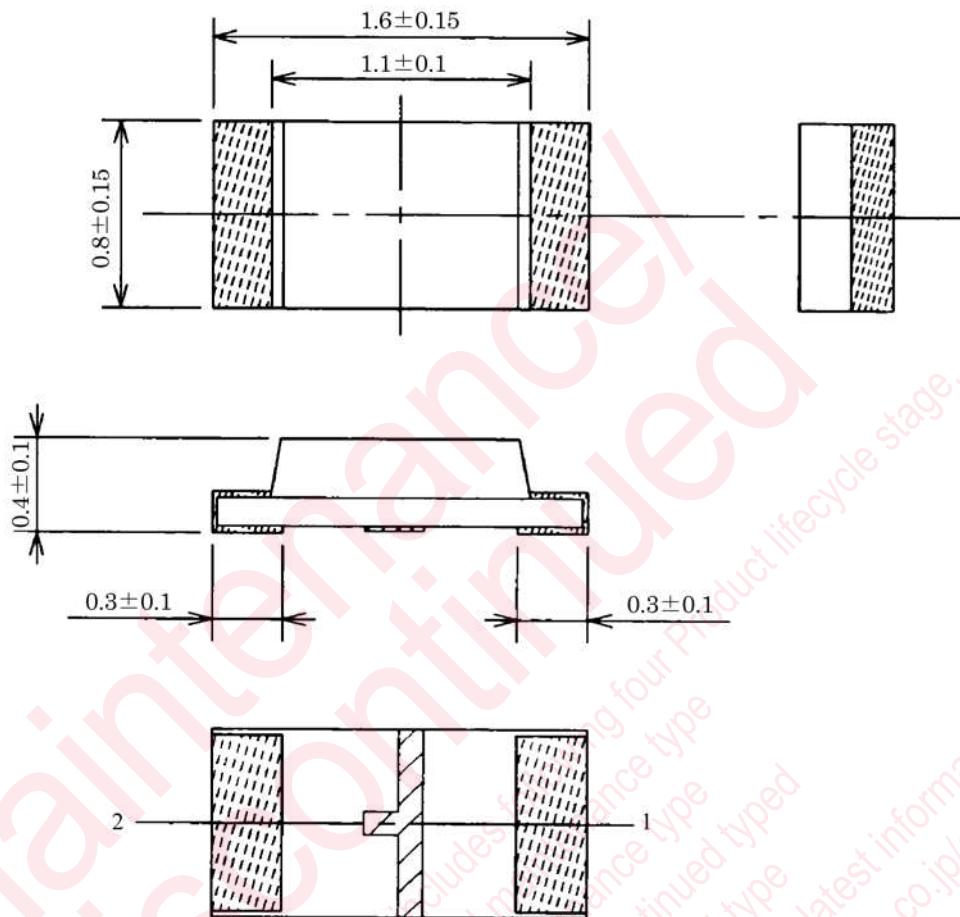
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *	$I_O$	$I_F = 10 \text{ mA}$	0.5	1.0		mcd
Reverse current	$I_R$	$V_R = 4 \text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 10 \text{ mA}$		1.93	2.6	V
Peak emission wavelength	$\lambda_p$	$I_F = 10 \text{ mA}$		610		nm
Spectral half band width	$\Delta\lambda$	$I_F = 10 \text{ mA}$		40		nm

Note) \*: Measurement tolerance:  $\pm 20\%$



■ Package (Unit: mm)

KLTFTN2K1400



- Pin name
- 1: Anode
- 2: Cathode



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