# LNJ412K8YRA

Surface Mounting Chip LED

TSS Type

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

Parameter	Symbol	Rating	Unit	
Power dissipation	P <sub>D</sub>	55	mW	
Forward current	$I_{\rm F}$	20	mA	
Pulse forward current *	I <sub>FP</sub>	60	mA	
Reverse voltage	V <sub>R</sub>	4	V	
Operating ambient temperature	T <sub>opr</sub>	-30 to +85	°C	
Storage temperature	T <sub>stg</sub>	-40 to +100	°C	

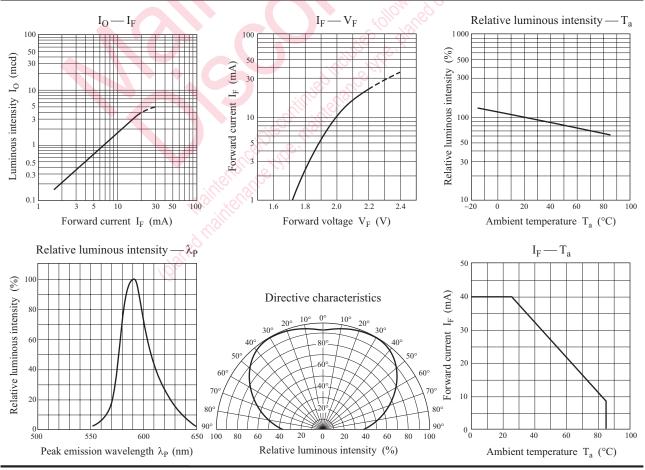
Lighting Color



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

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

I d					X	0-2 2012	
Parameter	Symbol		Conditions	Min	Тур	Max	Unit
Luminous intensity	I <sub>O</sub>	$I_F = 10 \text{ mA}$		0.6	S 1.5 8	P	mcd
Reverse current	I <sub>R</sub>	$V_R = 4 V$			1000	10	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 10 \text{ mA}$			2.0	2.6	V
Peak emission wavelength	$\lambda_{\mathrm{P}}$	$I_{\rm F} = 10  {\rm mA}$	illes and	- diffe	590		nm
Spectral half band width	Δλ	$I_F = 10 \text{ mA}$		5	30		nm

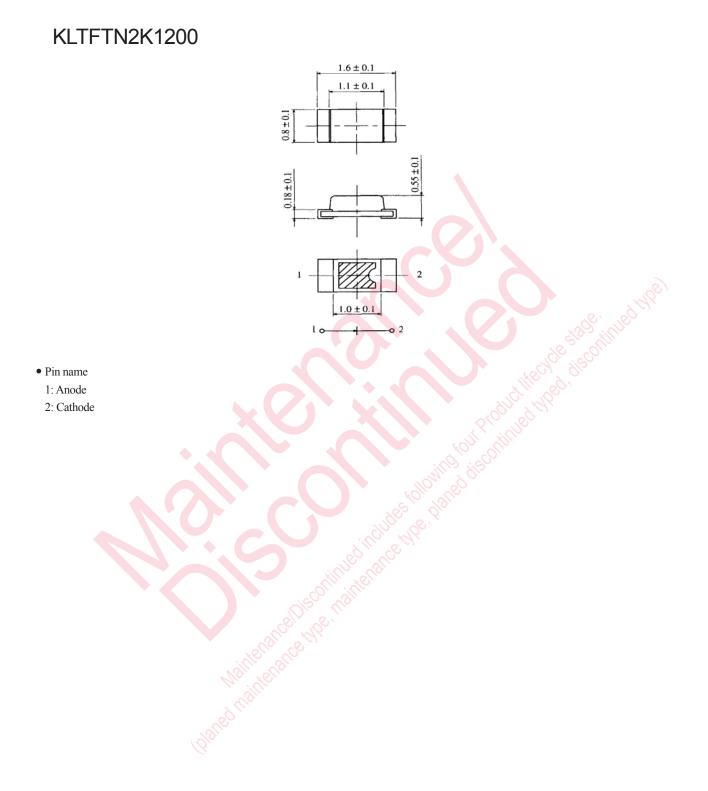


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Package (Unit: mm)



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