# **LNJ236W82RA**

### Hight Bright Surface Mounting Chip LED

#### ESS Type

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

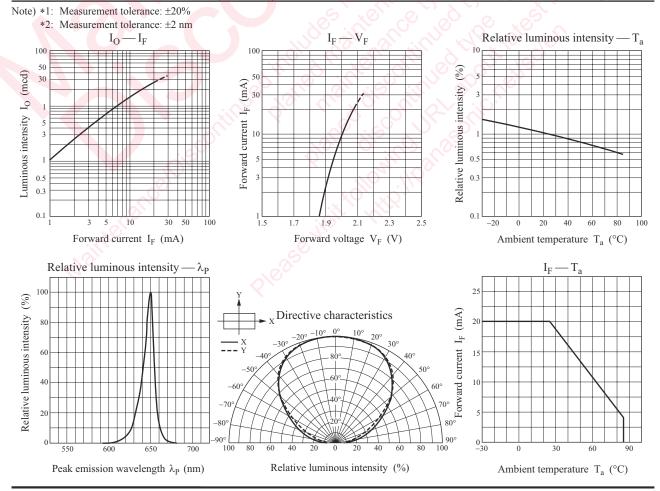
Parameter	Symbol	Rating	Unit
Power dissipation	PD	55	mW
Forward current	I <sub>F</sub>	20	mA
Pulse forward current *	I <sub>FP</sub>	60	mA
Reverse voltage	V <sub>R</sub>	4	V
Operating ambient temperature	T <sub>opr</sub>	-30 to +85	°C
Storage temperature	T <sub>stg</sub>	-40 to +100	°C

Lighting Color

• Red

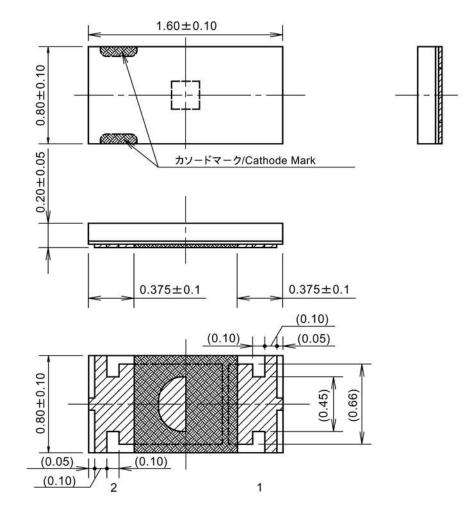
#### Electro-Optical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

1 of ward current	1	20	IIII X						
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Storage temperature	T <sub>stg</sub>	-40 to +100	°C						
Note) *: The condition of I <sub>FP</sub> is duty 10%, Pulse width 1 msec.									
Electro-Optical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$									
Parameter	Symbol		Conditions	Min	Тур	Max	Unit		
Luminous intensity *1	Io	$I_F = 5 \text{ mA}$	20	5.8	7.0	26.8	mcd		
Reverse current	I <sub>R</sub>	$V_R = 4 V$				100	μΑ		
Forward voltage	V <sub>F</sub>	$I_F = 5 \text{ mA}$			1.95	2.30	V		
Peak emission wavelength	λ <sub>P</sub>	$I_F = 5 \text{ mA}$	Yr Cn;		645	~	nm		
Dominant emission wavelength *2	$\lambda_{d}$	$I_F = 5 \text{ mA}$	Nº CO C	620	630	640	nm		
Spectral half band width	Δλ	$I_F = 5 \text{ mA}$	all all le	18	20 .		nm		



Package (Unit: mm)

## KLTFTN2K3600



• Pin name

1: Anode

2: Cathode

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