# LNJ410C64RA

### Hight Bright Surface Mounting Chip LED

#### SV (Side View) -Case Type

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

Parameter	Symbol	Rating	Unit	
Power dissipation	P <sub>D</sub>	50	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>	-25 to +80	°C	
Storage temperature	T <sub>stg</sub>	-30 to +85	°C	

Lighting Color

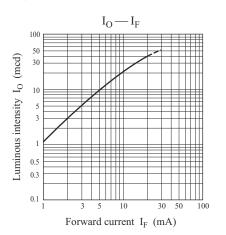
• Amber

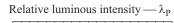
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

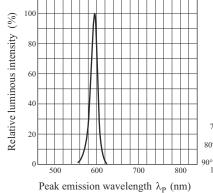
#### Electro-Optical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

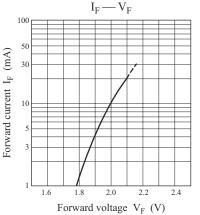
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *	I <sub>O</sub>	$I_F = 10 \text{ mA}$	8.5	22.5		mcd
Reverse current	I <sub>R</sub>	$V_R = 4 V$			100	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 10 \text{ mA}$		2.0	2.5	V
Peak emission wavelength	$\lambda_{\rm P}$	$I_F = 10 \text{ mA}$		595		nm
Spectral half band width	Δλ	$I_F = 10 \text{ mA}$		15		nm

Note) \*: Measurement tolerance: ±20%









Directive characteristics

30

60

70

100

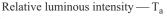
80

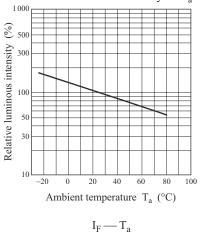
109

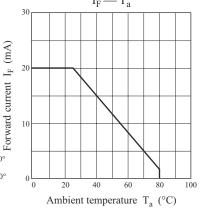
80° 90°

100

60 80







Publication date: January 2009

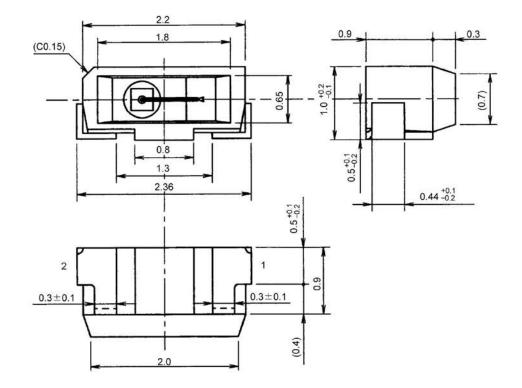
Relative luminous intensity (%)

#### LNJ410C64RA

## **Panasonic**

Package (Unit: mm)

### LLDFSR2J1000



• Pin name

1: Anode

2: Cathode

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