Lighting Color

• Blue

# LNJ916C8BRA

### Hight Bright Surface Mounting Chip LED

#### Microlens Type

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

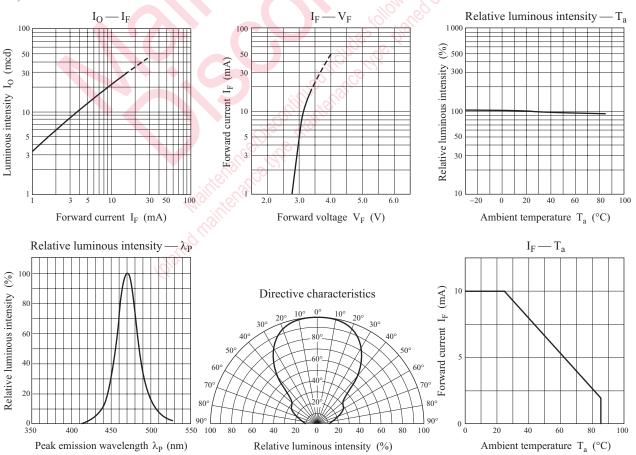
Parameter	Symbol	Rating	Unit	
Power dissipation	P <sub>D</sub>	40	mW	
Forward current	I <sub>F</sub>	10	mA	
Pulse forward current *	I <sub>FP</sub>	40	mA	
Reverse voltage	V <sub>R</sub>	5	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +85	°C	
Storage temperature	T <sub>stg</sub>	-40 to +100	°C	

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

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

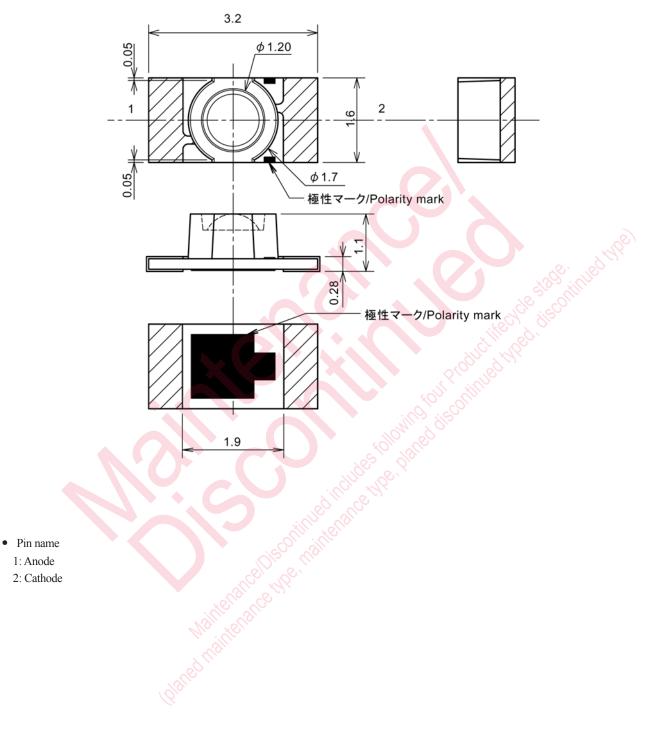
- u						
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *	I <sub>O</sub>	$I_F = 5 \text{ mA}$	6.8	12.8	<i>.</i> 0,	mcd
Reverse current	I <sub>R</sub>	$V_R = 5 V$			10	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 5 \text{ mA}$	dur,	3.0	3.7	V
Peak emission wavelength	λρ	$I_F = 5 \text{ mA}$	( Not	470		nm
Spectral half band width	Δλ	$I_F = 5 \text{ mA}$	OUL	30		nm

#### Note) \*: Measurement tolerance: ±20%



Package (Unit: mm)





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