

# LNJ047X8ARA

## High Bright Surface Mounting Chip LED

1005 Type

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

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	40	mW
Forward current	$I_F$	10	mA
Pulse forward current *	$I_{FP}$	40	mA
Reverse voltage	$V_R$	5	V
Operating ambient temperature	$T_{opr}$	-30 to +85	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-40 to +100	$^\circ\text{C}$

### Lighting Color

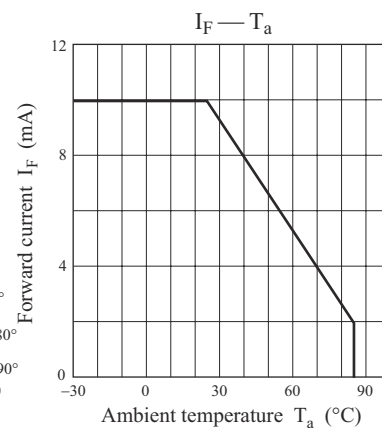
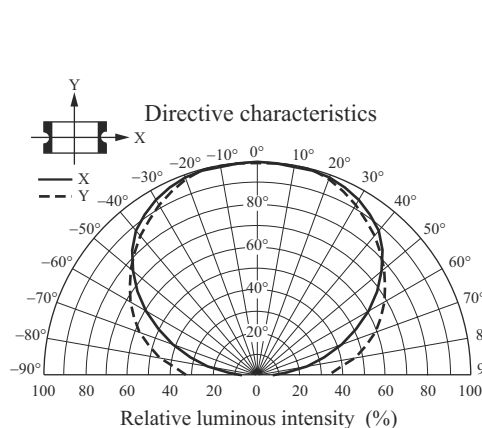
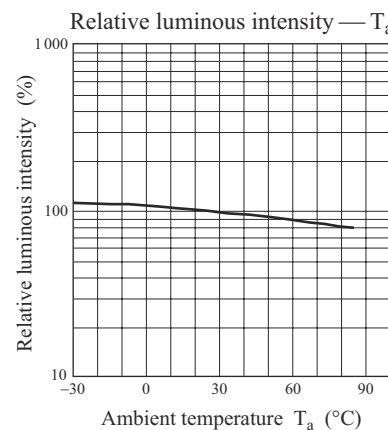
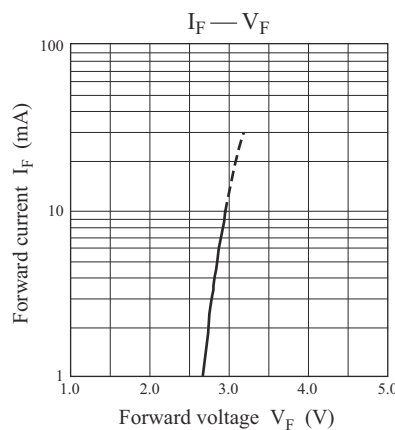
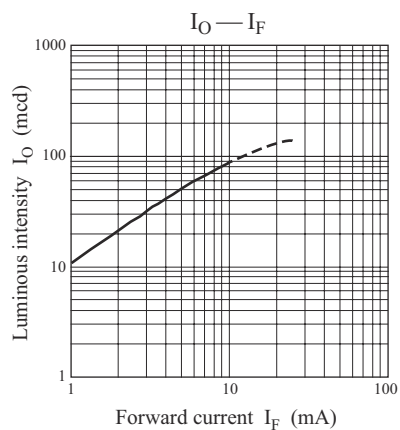
- White

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

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

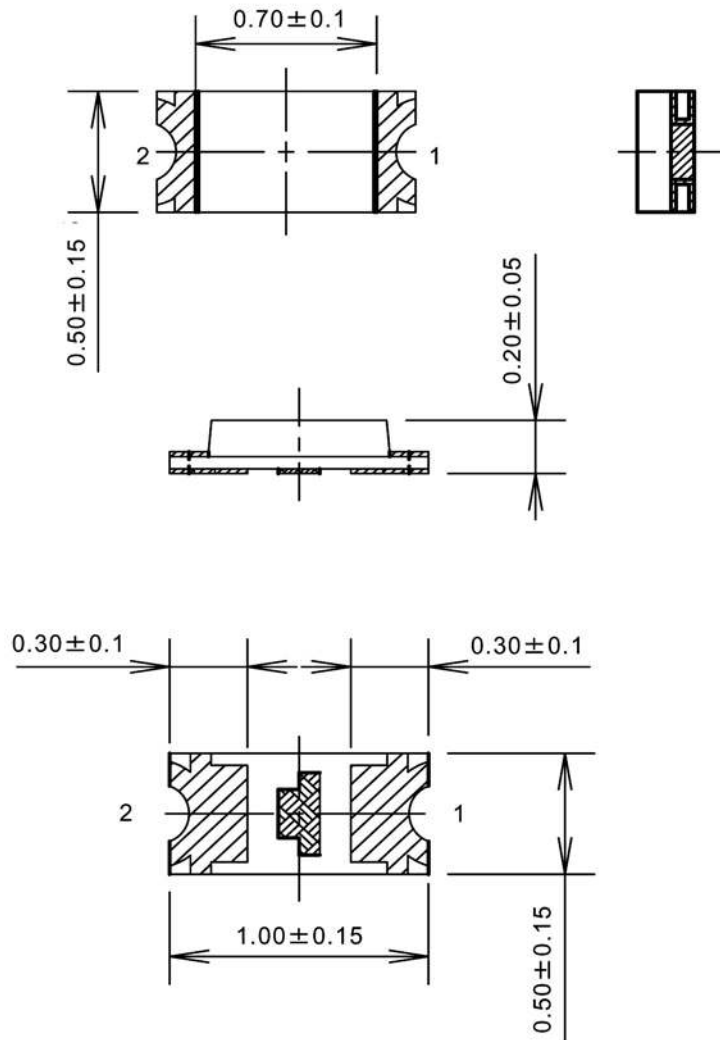
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *1	$I_O$	$I_F = 5 \text{ mA}$	20.0	50.0	111.0	mcd
Reverse current	$I_R$	$V_R = 5 \text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 5 \text{ mA}$		2.90	3.20	V
Chromaticity coordinates	x	$I_F = 5 \text{ mA}$	0.204	0.247	0.290	—
	y	$I_F = 5 \text{ mA}$	0.172	0.234	0.291	—

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



■ Package (Unit: mm)

## KLTFTN2K4700



- Pin name
- 1: Anode
- 2: Cathode

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