

LNJ047X8ARA

Hight 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	$^\circ\text{C}$

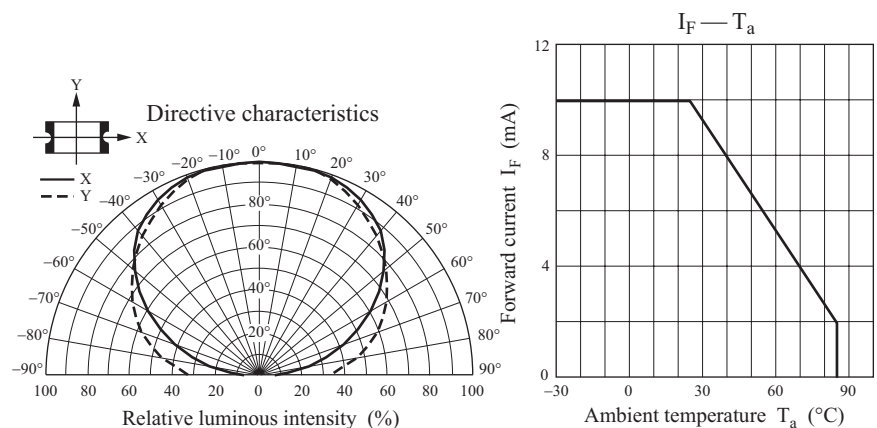
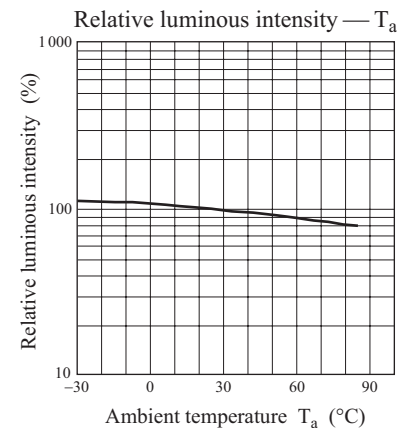
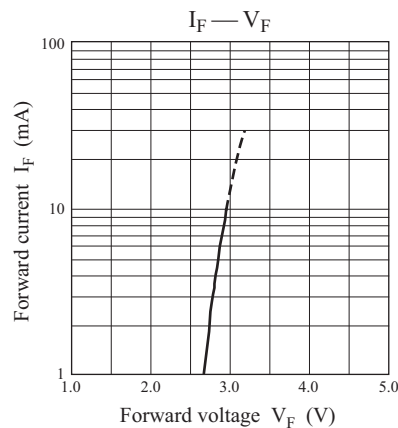
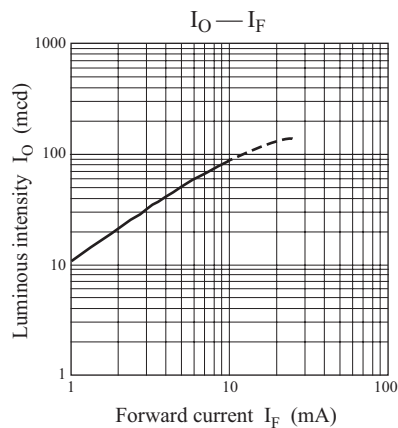
(Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Lighting Color

- White

■ 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	μA
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	—

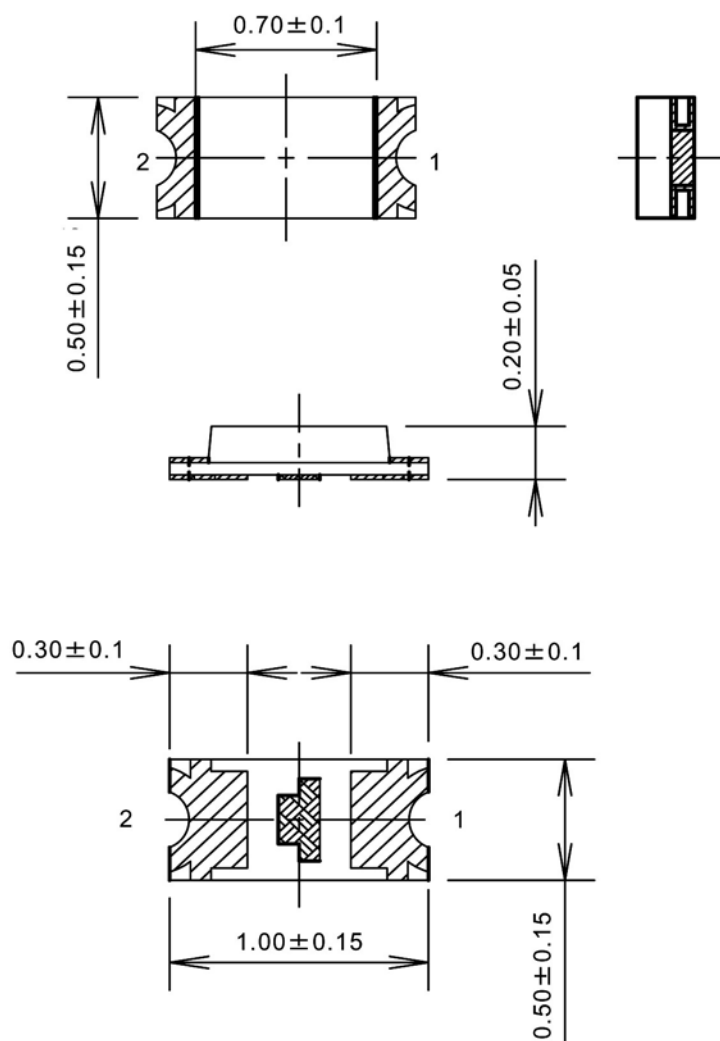
(Note) *: Measurement tolerance: $\pm 20\%$ 

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■ Package (Unit: mm)

KLTFN2K4700



- Pin name
- 1: Anode
- 2: Cathode

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