

LNJ037X8BRA

High Bright Surface Mounting Chip LED

ESS II 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	$^\circ\text{C}$

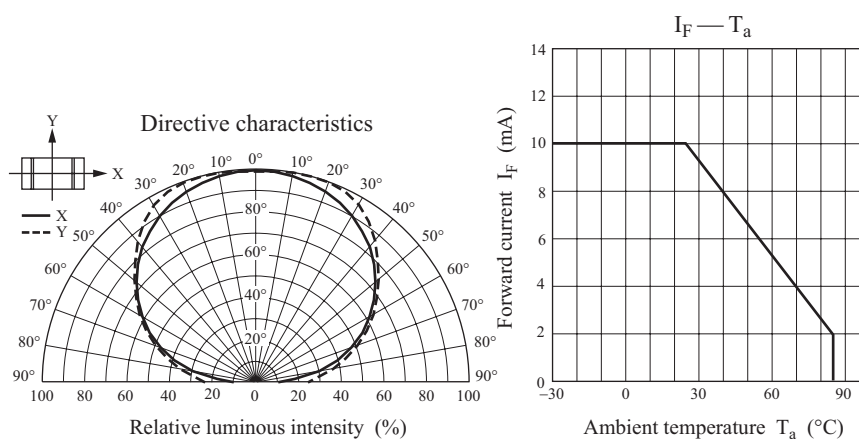
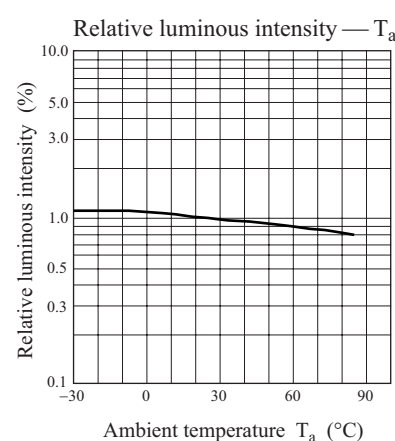
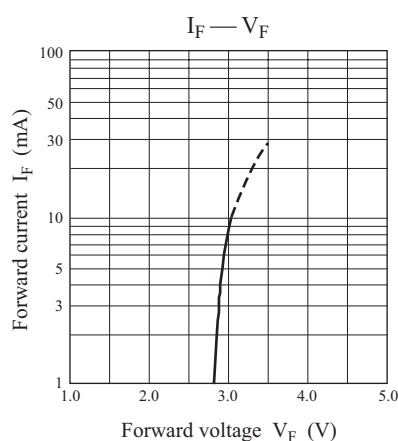
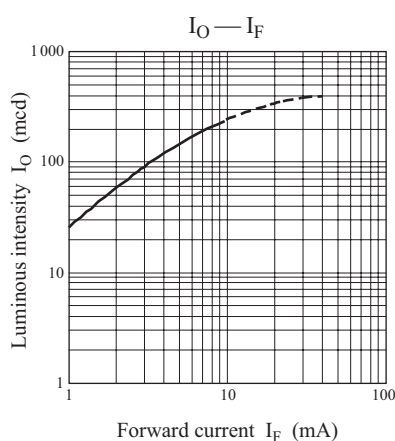
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Lighting Color

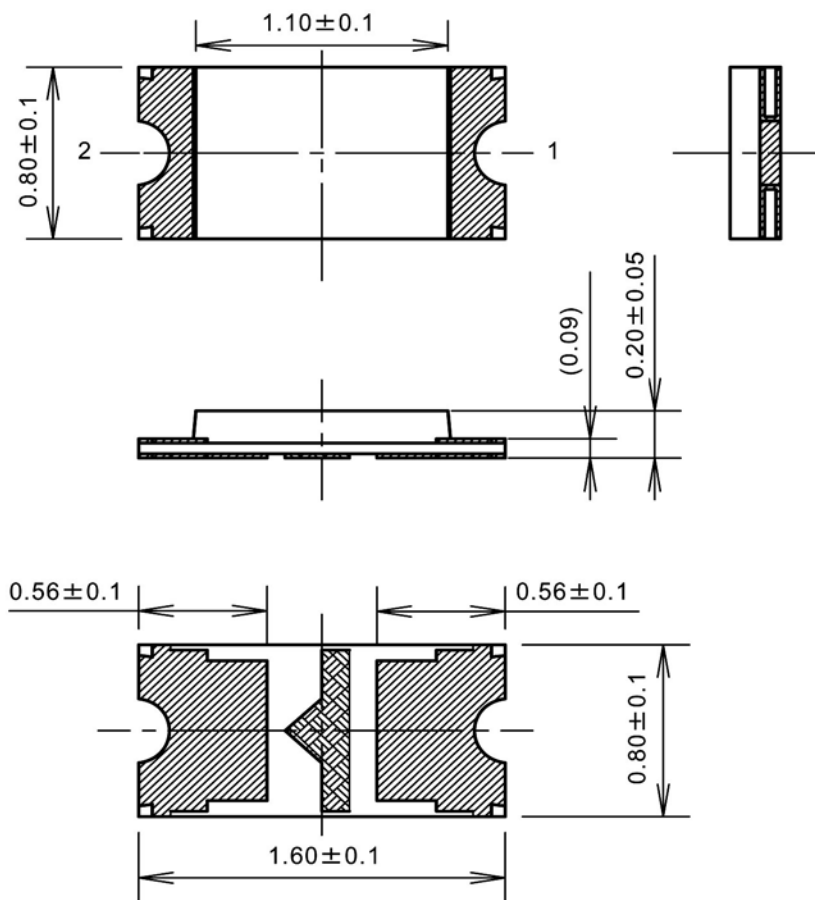
- White

■ Electro-Optical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O	$I_F = 1 \text{ mA}$	18.0	29.0	45.0	mcd
		$(I_F = 5 \text{ mA})$	(80)	(150)	(205)	mcd
Reverse current	I_R	$V_R = 5 \text{ V}$			10	μA
Forward voltage	V_F	$I_F = 1 \text{ mA}$	2.6	2.8	3.0	V
Chromaticity coordinates	x	$I_F = 1 \text{ mA}$	0.220		0.281	—
	y	$I_F = 1 \text{ mA}$	0.187		0.272	—



■ Package (Unit: mm)



- Pin Name
- 1: Anode
- 2: Cathode

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