

LN224RPH

Square Type

□ 5.0 mm × 1.0 mm

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

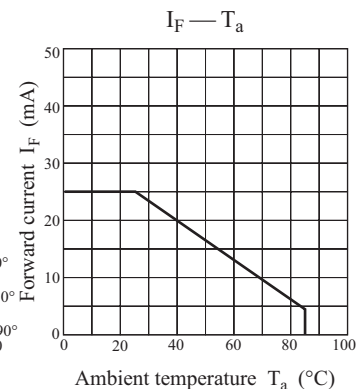
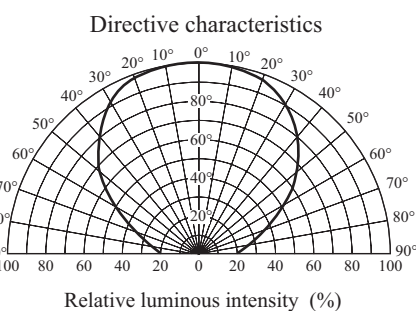
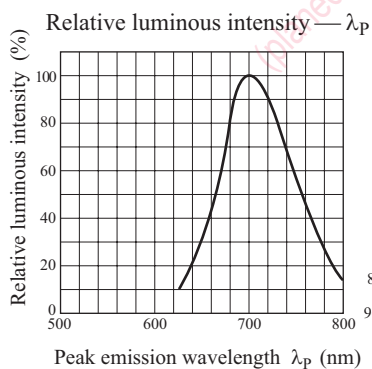
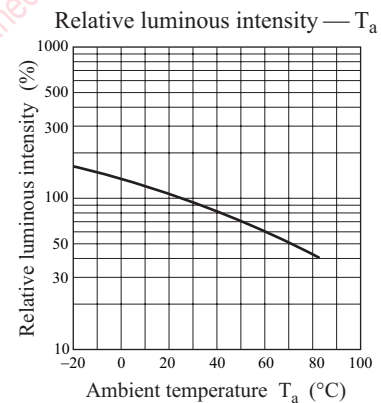
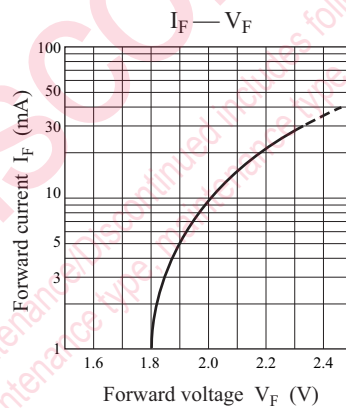
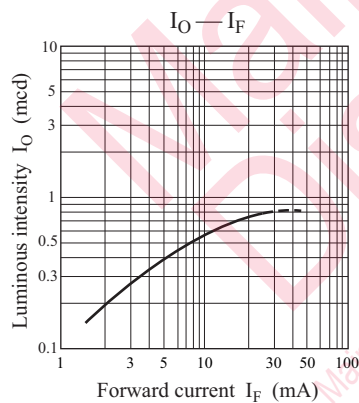
Parameter	Symbol	Rating	Unit
Power dissipation	P_D	70	mW
Forward current	I_F	25	mA
Pulse forward current *	I_{FP}	150	mA
Reverse voltage	V_R	4	V
Operating ambient temperature	T_{opr}	-25 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

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

- Red

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		0.3	0.6		mcd
Reverse current	I_R	$V_R = 4\text{ V}$			5	μA
Forward voltage	V_F	$I_F = 20\text{ mA}$		2.2	2.8	V
Peak emission wavelength	λ_p	$I_F = 20\text{ mA}$		700		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		100		nm



2 Max. NOT SOLDERED

5.2 ± 0.2
5.0 ± 0.2

4.0
4.5
3.55 ± 0.3
8.5 ± 0.2

0.6
0.8
0.5
3.05
1.5
1.5 ± 0.1

2 - 0.8 Max

2 - 0.6 ± 0.1

2.54

1.5

3.6 ± 0.2
3.0 ± 0.2
1.0 ± 0.2
1.1 ± 0.2

0.6 ± 0.1

1 2

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- Technical drawing of a mechanical part showing two views: a front view and a side view. The front view includes dimensions: 2 Max. N, 0.6, 0.8, 0.5, 3.05, 1.5, 26.0 ± 1.0, 2 - 0.8 Max, 2 - 0.6 ± 0.1, 2.54, 1.5, and 1. The side view includes dimensions: 4.5, 3.55, 8.5, and 0.6 ± 0.1. A small detail view of a hole is shown at the bottom left.

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