LN220RPH

Square Type

☐ 1.75 mm × 7.0 mm

■ Absolute Maximum Ratings $T_a = 25°C$

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	°C
Storage temperature	T_{stg}	–30 to +100	°C

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

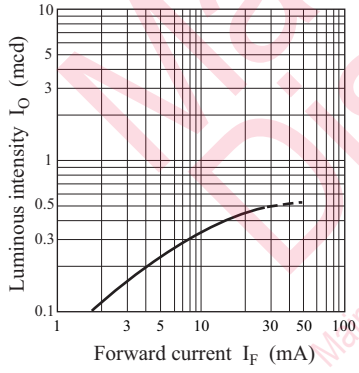
■ Lighting Color

• Red

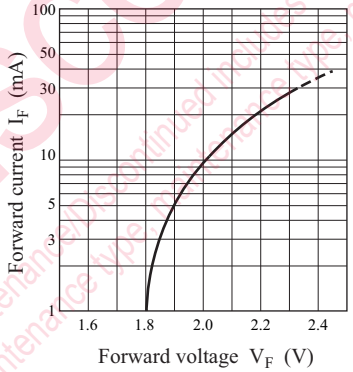
■ Electro-Optical Characteristics $T_a = 25°C$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		0.15	0.4		mcd
Reverse current	I_R	$V_R = 4$ V			5	μA
Forward voltage	V_F	$I_F = 20$ mA		2.2	2.8	V
Peak emission wavelength	λ_P	$I_F = 20$ mA		700		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20$ mA		100		nm

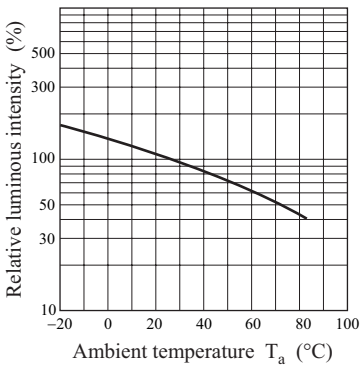
I_O — I_F



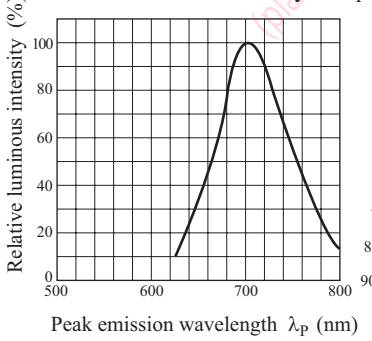
I_F — V_F



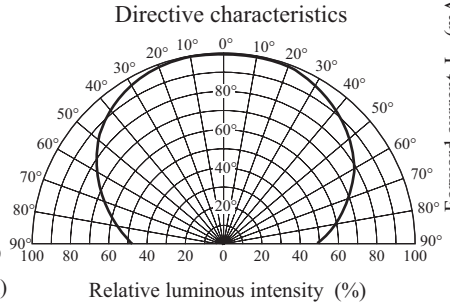
Relative luminous intensity — T_a



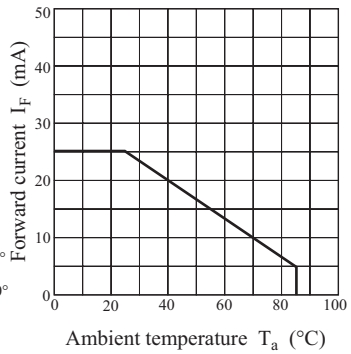
Relative luminous intensity — λ_P



Directive characteristics

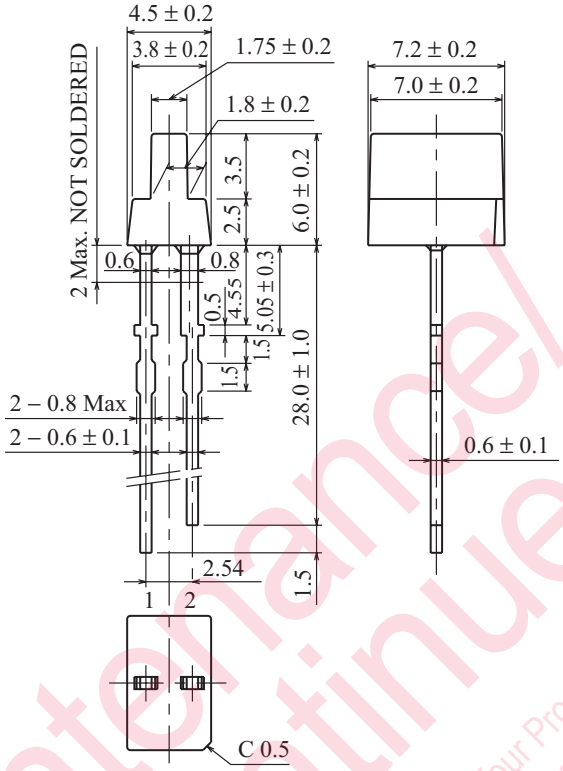


I_F — T_a



■ Package (Unit: mm)

LLXFTN2SF200



- Pin name
  1: Anode
  2: Cathode

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