LN422YPH

Round Type

ϕ2.0 mm

■ Absolute Maximum Ratings $T_a = 25°C$

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	90	mW
Forward current	I_F	30	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

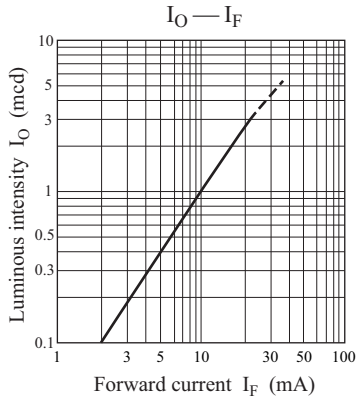
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

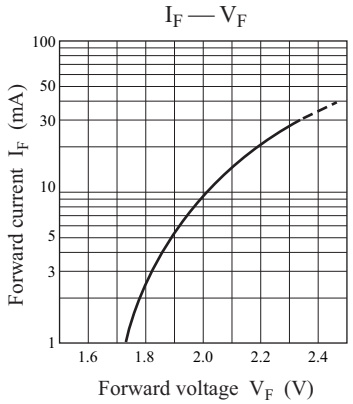
■ Lighting Color

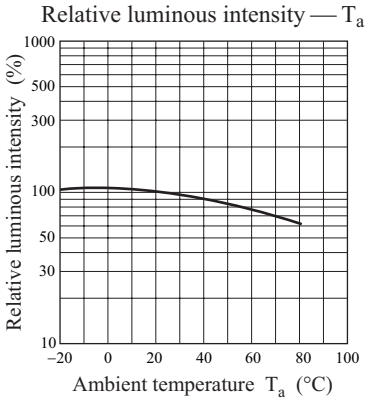
• Amber

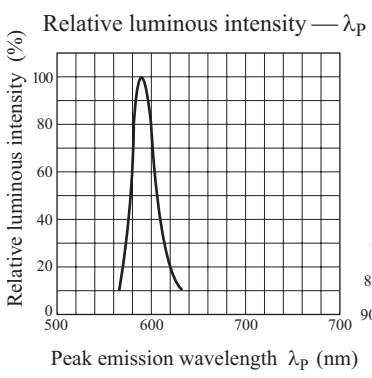
■ Electro-Optical Characteristics $T_a = 25°C$

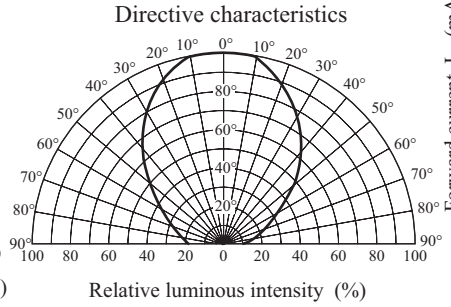
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		1.2	2.5		mcd
Reverse current	I_R	$V_R = 4$ V			10	μA
Forward voltage	V_F	$I_F = 20$ mA		2.2	2.8	V
Peak emission wavelength	λ_P	$I_F = 20$ mA		590		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20$ mA		30		nm

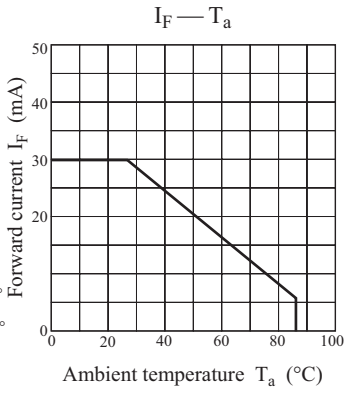






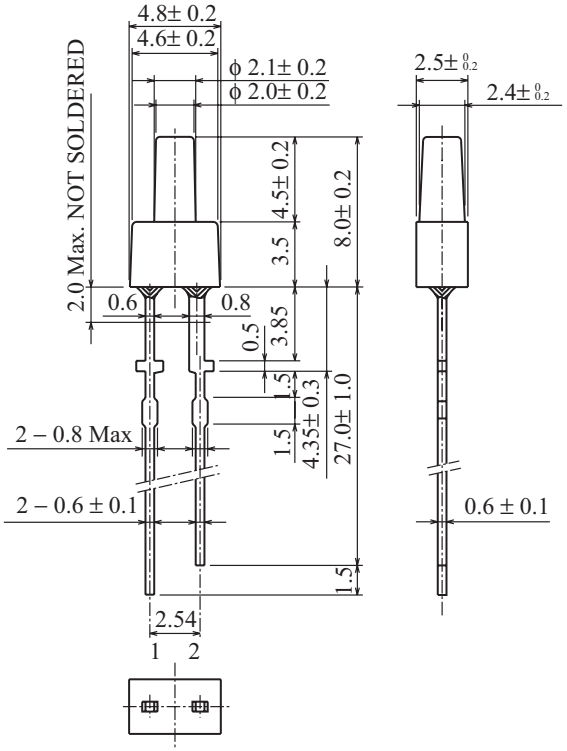






■ Package (Unit: mm)

LLXFTN2SF220



- Pin name
  1: Anode
  2: Cathode

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(6) Comply with the instructions for use in order to prevent breakdown and characteristics change due to external factors (ESD, EOS, thermal stress and mechanical stress) at the time of handling, mounting or at customer's process. When using products for which damp-proof packing is required, satisfy the conditions, such as shelf life and the elapsed time since first opening the packages.

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