# LN450YPH

## Square Type

 $\square$  5.0 mm  $\times$  5.0 mm

### ■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Symbol Rating		
Power dissipation	$P_{\mathrm{D}}$	90	mW	
Forward current	$I_{\mathrm{F}}$	30	mA	
Pulse forward current *	$I_{FP}$	150	mA	
Reverse voltage	$V_R$	4	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +85	°C	
Storage temperature	T <sub>stg</sub>	-30 to +100	°C	

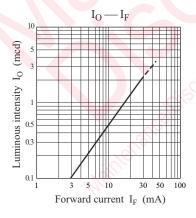
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

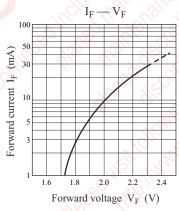
#### ■ Lighting Color

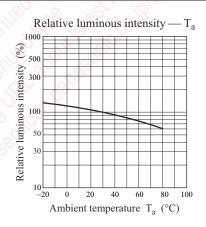
Amber

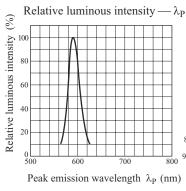
### ■ Electro-Optical Characteristics $T_a = 25$ °C

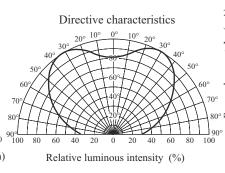
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	$I_{O}$	(2)	0.60	1.5		mcd
Reverse current	$I_R$	$V_R = 4 V$			10	μΑ
Forward voltage	$V_{\rm F}$	$I_F = 20 \text{ mA}$		2.2	2.8	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 20 \text{ mA}$	60	590	10,	nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	9	30	100	nm

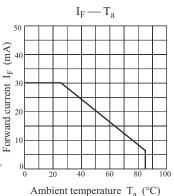








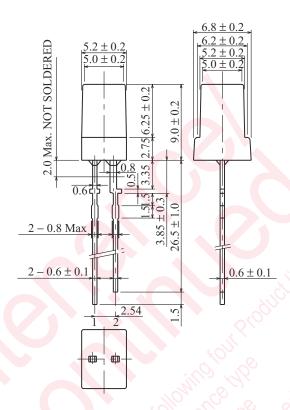




LN450YPH Panasonic

■ Package (Unit: mm)

## LLXFTN2SF500



- Pin name
  - 1: Anode
- 2: Cathode

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