# LN21RPH

## Round Type

 $\phi$ 5.0 mm

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

Parameter	Symbol	Rating	Unit	
Power dissipation	$P_{\mathrm{D}}$	70	mW	
Forward current	$I_{\mathrm{F}}$	25	mA	
Pulse forward current *	$I_{FP}$	150	mA	
Reverse voltage	V <sub>R</sub>	4	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +85	°C	
Storage temperature	T <sub>stg</sub>	-30 to +100	°C	

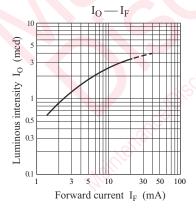
Note) \*: The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec.

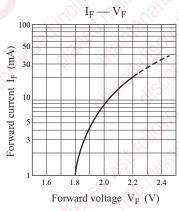
#### ■ Lighting Color

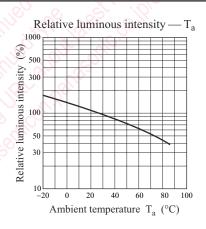
• Red

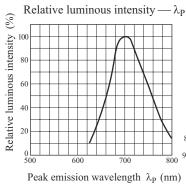
### ■ Electro-Optical Characteristics $T_a = 25$ °C

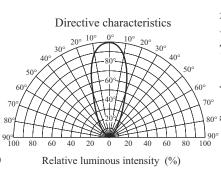
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	$I_{O}$	(2)	1.0	3.0		mcd
Reverse current	$I_R$	$V_R = 4 V$			5	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 20 \text{ mA}$		2.2	2.8	V
Peak emission wavelength	$\lambda_{\mathrm{P}}$	$I_F = 20 \text{ mA}$	60	700	100	nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	5	100	130	nm

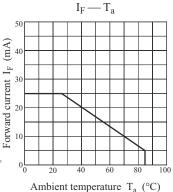








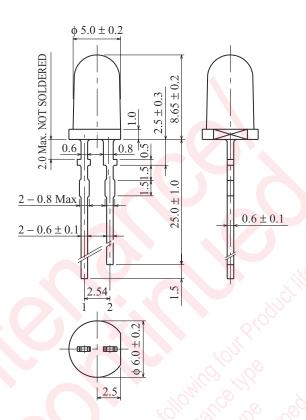




LN21RPH Panasonic

■ Package (Unit: mm)

## LLXLTN2SF010



- Pin name
  - 1: Anode
  - 2: Cathode

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