

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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LN221RPH

Round Type

φ2.6 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	

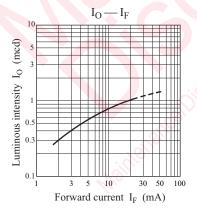
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

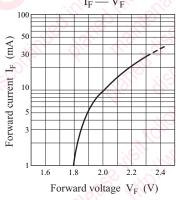
■ Lighting Color

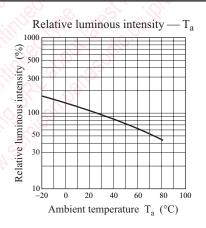
• Red

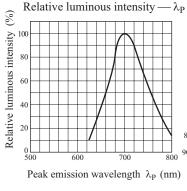
■ Electro-Optical Characteristics $T_a = 25$ °C

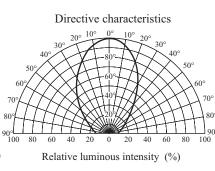
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I_{O}	(2)	0.5	1.0		mcd
Reverse current	I_R	$V_R = 4 V$			5	μΑ
Forward voltage	$V_{\rm F}$	$I_F = 20 \text{ mA}$		2.2	2.8	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 20 \text{ mA}$	60	700	100	nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	5	100	201	nm

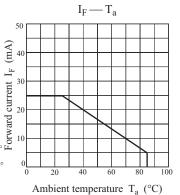










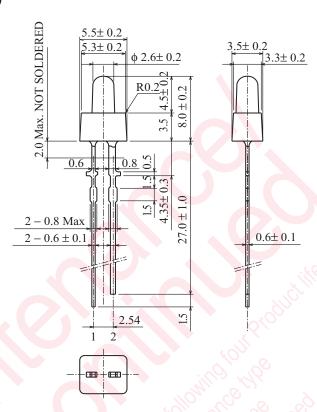


1

LN221RPH Panasonic

■ Package (Unit: mm)

LLXLTN2SF210



• Pin name

2

- 1: Anode
- 2: Cathode

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