# LN221RPH

### Round Type

φ2.6 mm

#### Absolute Maximum Ratings $T_a = 25^{\circ}C$

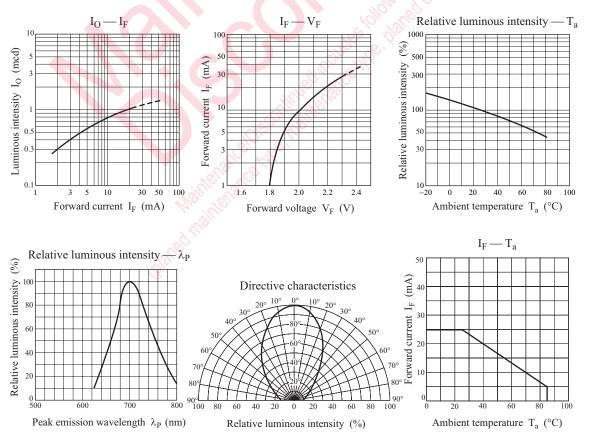
Parameter	Symbol	Rating	Unit	
Power dissipation	P <sub>D</sub>	70	mW	
Forward current	I <sub>F</sub>	25	mA	
Pulse forward current *	I <sub>FP</sub>	150	mA	
Reverse voltage	V <sub>R</sub>	4	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +85	°C	
Storage temperature	T <sub>stg</sub>	-30 to +100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

Lighting Color

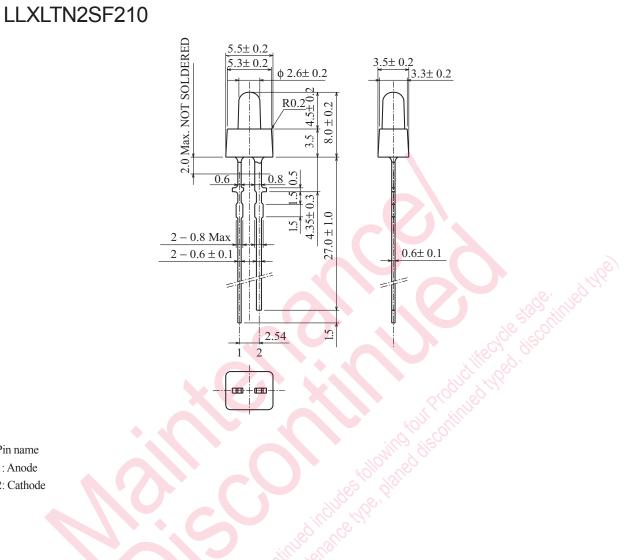
• Red

#### Electro-Optical Characteristics $T_a = 25^{\circ}C$

Storage temperature	1 stg	-30 10 + 100					
Note) *: The condition of $I_{FP}$ is duty 10%, Pulse v	vidth 1 msec.						
Electro-Optical Characteristics $T_a = 25^{\circ}C$					×	Uni Os	25 S
Parameter	Symbol		Conditions	Min	Тур	Max	Unit
Luminous intensity	Io			0.5	S 1.0 8	5	mcd
Reverse current	I <sub>R</sub>	$V_R = 4 V$			1000	5	μΑ
Forward voltage	V <sub>F</sub>	$I_F = 20 \text{ mA}$	X//	0,00,00	2.2	2.8	V
Peak emission wavelength	$\lambda_P$	$I_F = 20 \text{ mA}$		A differ	700		nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$		50°	100		nm



Package (Unit: mm)



• Pin name

1: Anode

2: Cathode

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