Light Emitting Diodes

Panasonic

LN450YPH

Square Type

\Box 5.0 mm \times 5.0 mm Series

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

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	

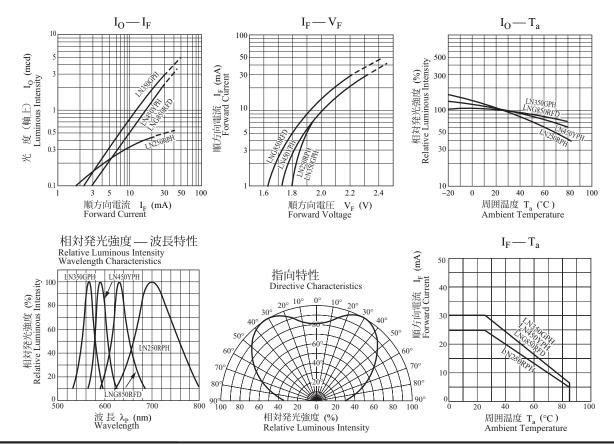
Lighting Color / Lens Color

• Amber / Amber Diffused

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

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

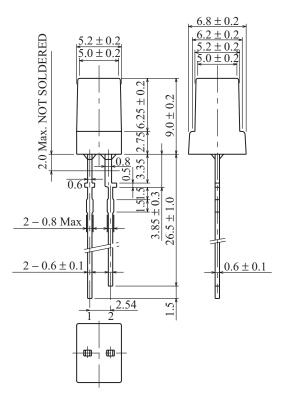
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I _O		0.60	1.5		mcd
Forward current	I _F			20		mA
Forward voltage	V _F	$I_{\rm F} = 20 {\rm mA}$		2.2	2.8	V
Peak emission wavelength	$\lambda_{\rm P}$	$I_{\rm F} = 20 {\rm mA}$		590		nm
Spectral half band width	Δλ	$I_{\rm F} = 20 \text{ mA}$		30		nm
Reverse current	I _R	$V_R = 4 V$			10	μΑ



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Package (Unit: mm)



• Pin name

1: Anode

2: Cathode

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