LN31GCPH

Round Type

 ϕ 5.0 mm

■ Absolute Maximum Ratings $T_a = 25$ °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	

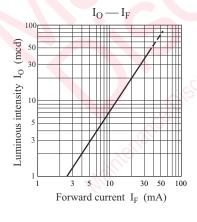
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

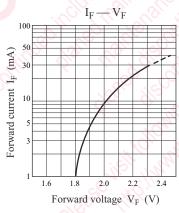
■ Lighting Color

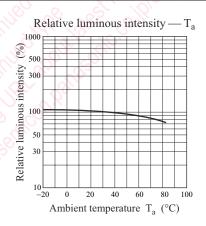
• Yellow Green

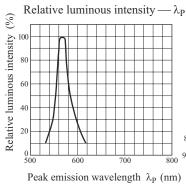
■ Electro-Optical Characteristics $T_a = 25$ °C

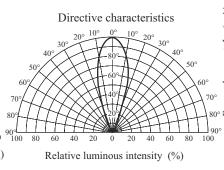
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I_{O}	16,000	12.0	20.0		mcd
Reverse current	I_R	$V_R = 4 V$			10	μΑ
Forward voltage	$V_{\rm F}$	$I_F = 20 \text{ mA}$		2.2	2.8	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 20 \text{ mA}$	60	565	10,	nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$	9	30	100	nm

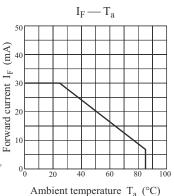








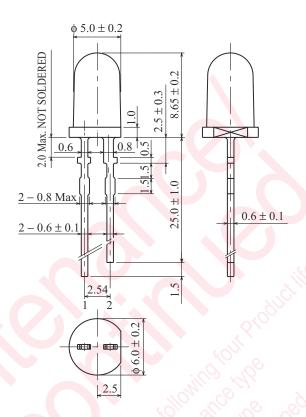




LN31GCPH Panasonic

■ Package (Unit: mm)

LLXLTN2SF010



- Pin name
 - 1: Anode
 - 2: Cathode

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