LNJ121W84RA

Ultra High Bright Surface Mounting Chip LED

Dome-Lens Bi-Color Type

■ Absolute Maximum Ratings $T_a = 25$ °C

• Red

Parameter	Symbol	Rating	Unit	
Power dissipation	P_{D}	55	mW	
Forward current	I_{F}	20	mA	
Pulse forward current	I_{FP}	60	mA	
Reverse voltage	V _R	4	V	
Operating ambient temperature	T _{opr}	-30 to +85	°C	
Storage temperature	T _{stg}	-40 to +100	°C	

• Green

Parameter	Symbol	Rating	Unit	
Power dissipation	P_{D}	60	mW	
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Reverse voltage	V _R	4	V	
Operating ambient temperature	T _{opr}	-30 to +85	°C	
Storage temperature	T _{stg}	-40 to +100	°C	

■ Lighting Color / Lens Color

- Red / Clear
- Green / Clear

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

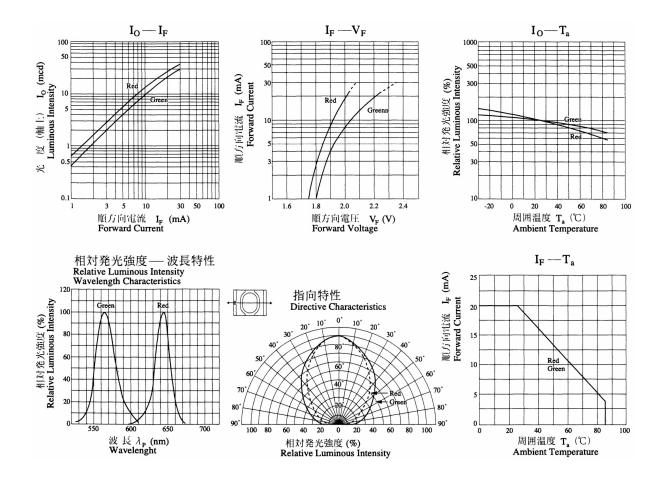
• Red

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I _O		7.0	13.4		mcd
Forward current	I_{F}			10		mA
Forward voltage	V _F	$I_F = 10 \text{ mA}$		1.92	2.5	V
Peak emission wavelength	λ_{P}	$I_F = 10 \text{ mA}$		645		nm
Spectral half band width	Δλ	$I_F = 10 \text{ mA}$		22		nm
Reverse current	I_R	$V_R = 4 V$			100	μΑ

• Green

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I _O		5.0	10		mcd
Forward current	I_{F}			10		mA
Forward voltage	V_{F}	$I_F = 10 \text{ mA}$		2.03	2.6	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 10 \text{ mA}$		565		nm
Spectral half band width	Δλ	$I_F = 10 \text{ mA}$		30		nm
Reverse current	I_R	$V_R = 4 V$			10	μΑ

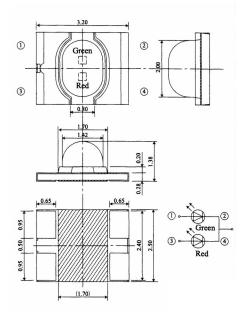
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2 SHD00560AEK

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■ Package (Unit: mm)



- Pin name
 - 1, 3: Anode
 - 2, 4: Cathode

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