LNJ412K82RA1

Ultra High Bright Surface Mounting Chip LED

InGaAIP TSS Type

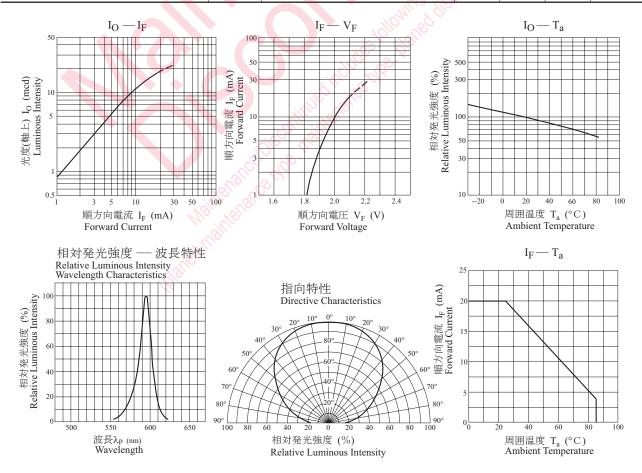
Absolute Maximum Ratings $T_a = 25^{\circ}C$

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	

- Lighting Color / Lens Color
- Amber / Clear

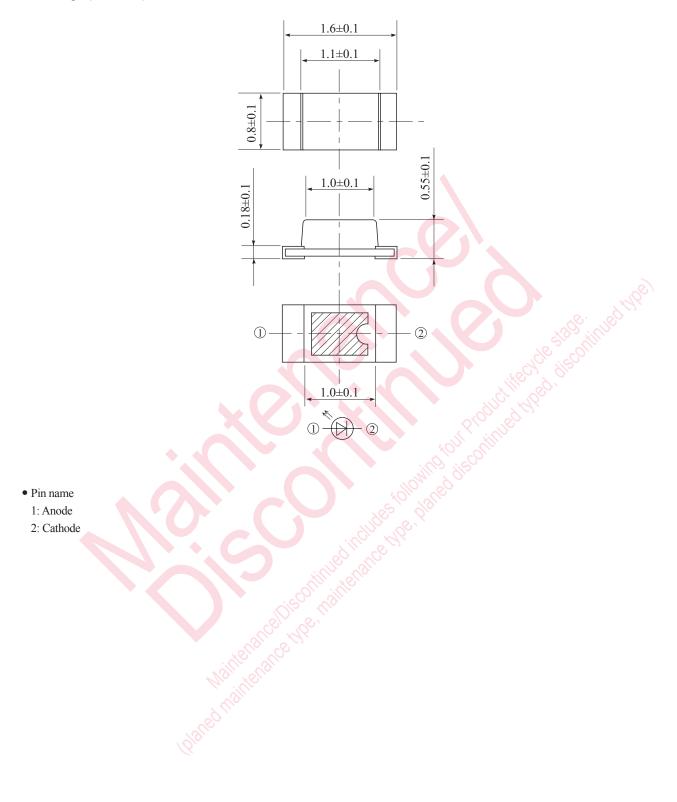
Electro-Optical Characteristics $T_a = 25^{\circ}C$

Parameter	Symbol	Conditions	Min	Тур	Max	Unit	
Luminous intensity	I _O		6.1	11.0	31.0	mcd	
Forward current	I _F			S 10 8		mA	
Forward voltage	V _F	$I_F = 10 \text{ mA}$		2.0	2.3	V	
Peak emission wavelength	$\lambda_{\rm P}$	$I_F = 10 \text{ mA}$	5, 40,	595		nm	
Spectral half band width	Δλ	$I_F = 10 \text{ mA}$	Unit.	15		nm	
Reverse current	I _R	$V_R = 4 V$	jor i i		100	μΑ	



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Package (Unit: mm)



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