LNJ812R88RA

Hight Bright Surface Mounting Chip LED

TSS Type

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	g 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	

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

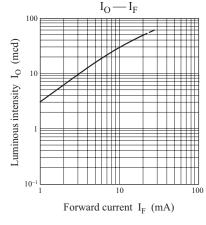
■ Lighting Color

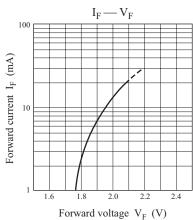
Orange

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

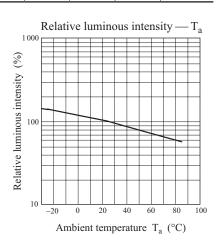
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *	I _O	$I_F = 10 \text{ mA}$	16	30		mcd
Reverse current	I_R	$V_R = 4 V$			100	μА
Forward voltage	V _F	$I_F = 10 \text{ mA}$		1.95	2.50	V
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 10 \text{ mA}$		620		nm
Spectral half band width	Δλ	$I_F = 10 \text{ mA}$		17		nm

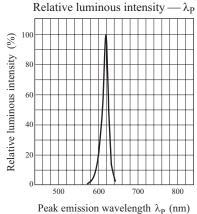
Note) *: Measurement tolerance: ±20%

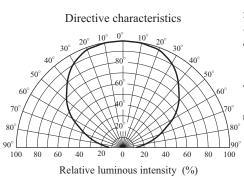


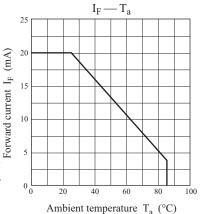


Forward voltage V_F (V)

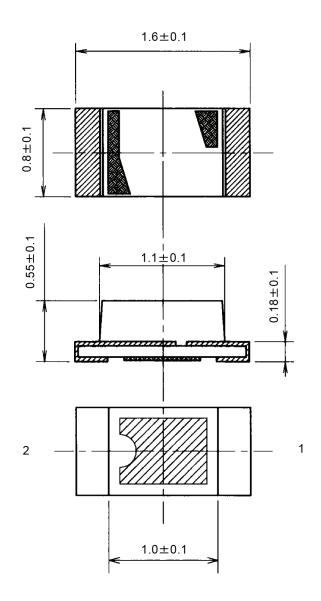




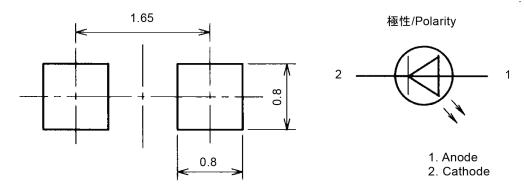




■ Package (Unit: mm)



推奨パターン/Recommended Land Layout



(注 1) パッケージ寸法については電極バリを含まない。 (Note1) Electrode projection is not included in the package dimensions.

Ver. BEK 2

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