LNJ206R5RRX

Surface Mounting Chip LED

S-J Type

■ Absolute Maximum Ratings $T_a = 25°C$

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	60	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}	–25 to +85	°C
Storage temperature	T_{stg}	–30 to +100	°C

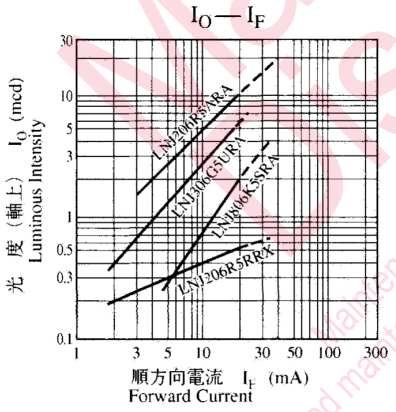
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

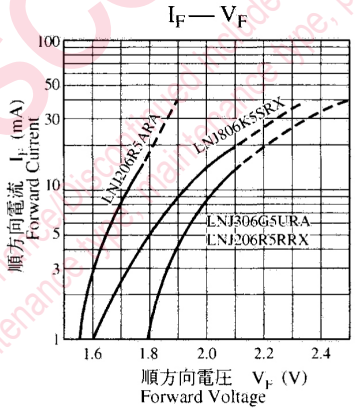
■ Lighting Color / Lens Color

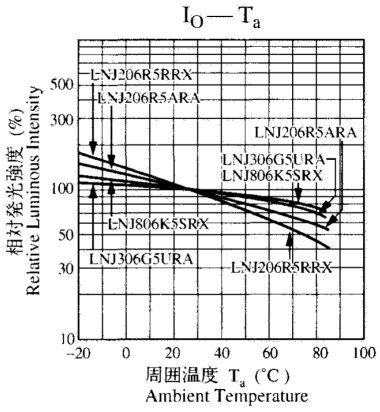
- Red / Red Diffused

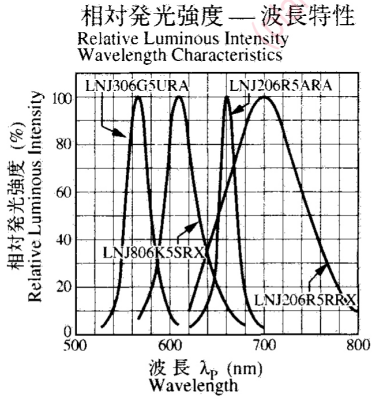
■ Electro-Optical Characteristics $T_a = 25°C$

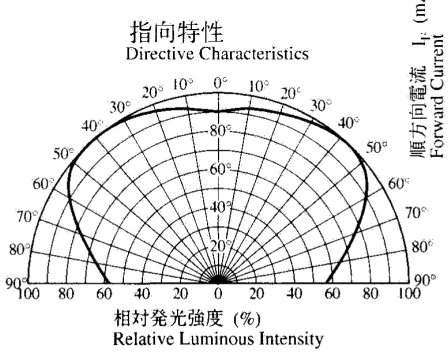
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		0.15	0.4		mcd
Forward current	I_F			10		mA
Forward voltage	V_F	I_F = 10 mA		2.03	2.6	V
Peak emission wavelength	λ_P	I_F = 10 mA		700		nm
Spectral half band width	$\Delta\lambda$	I_F = 10 mA		100		nm
Reverse current	I_R	V_R = 4 V			10	μA

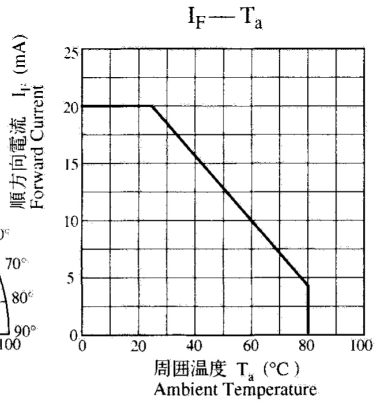




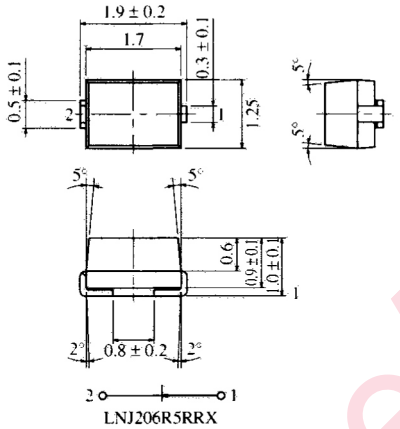








■ Package (Unit: mm)



• Pin name
1: Anode
2: Cathode

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(6) Comply with the instructions for use in order to prevent breakdown and characteristics change due to external factors (ESD, EOS, thermal stress and mechanical stress) at the time of handling, mounting or at customer's process. When using products for which damp-proof packing is required, satisfy the conditions, such as shelf life and the elapsed time since first opening the packages.