



**THE DATASHEET OF
LNJ306G5URA**



Surface Mounting Chip LED

S – J Type

Conventional Part No.	Global Part No.	Lighting Color
LNJ206R5RRX	LNJ206R5RRX	Red
LNJ206R5ARA	LNJ206R5ARA	Ultra Bright Red
LNJ306G5URA	LNJ306G5URA	Green
LNJ806K5SRX	LNJ806K5SRX	Soft Orange

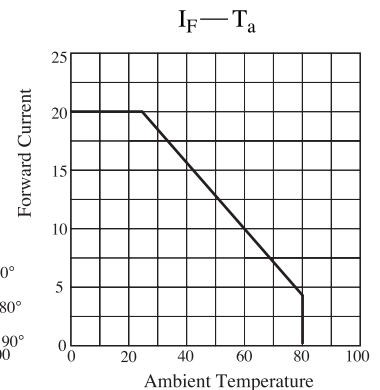
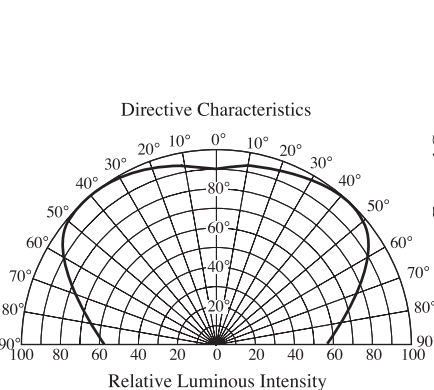
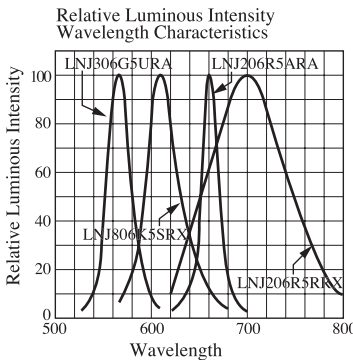
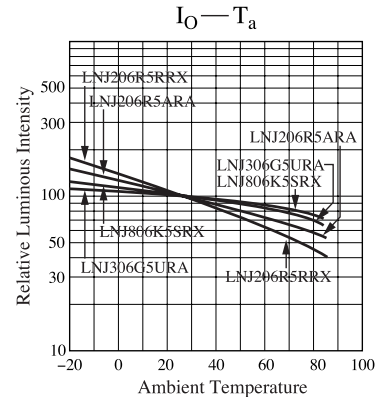
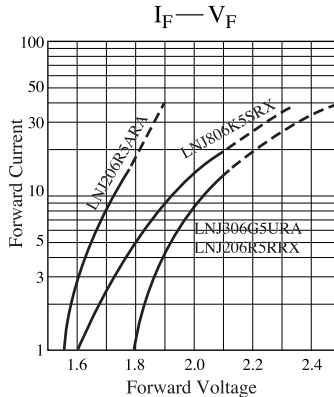
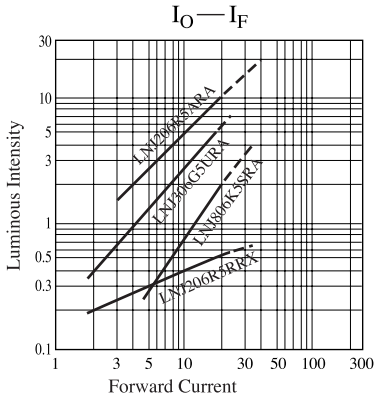
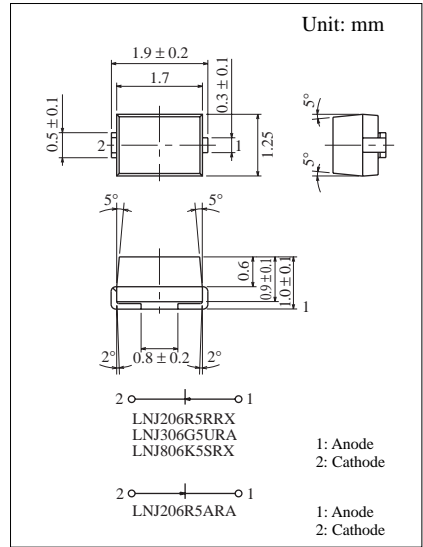
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA) ^a	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	60	20	60	4	-25 ~ +85	-30 ~ +100
Ultra Bright Red	60	20	60	3	-25 ~ +85	-30 ~ +100
Green	60	20	60	4	-25 ~ +85	-30 ~ +100
Soft Orange	60	20	60	3	-25 ~ +85	-30 ~ +100

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

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

Conventional Part No.	Lighting Color	Lens Color	I_O		I_F	V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min		Typ	Max				Max	V_R
LNJ206R5RRX	Red	Red Diffused	0.4	0.15	10	2.03	2.6	700	100	10	5	4
LNJ206R5ARA	Ultra Bright Red	Red Diffused	5.0	1.7	10	1.72	2.5	660	20	10	10	3
LNJ306G5URA	Green	Green Diffused	2.6	0.9	10	2.03	2.6	565	30	10	10	4
LNJ806K5SRX	Soft Orange	Yellow Diffused	0.8	0.3	10	1.93	2.6	610	40	10	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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