

Surface Mounting Chip LED

S – J Type

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

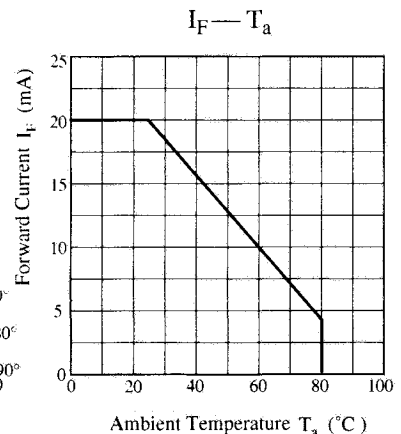
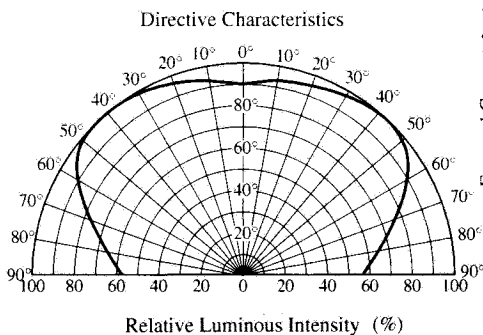
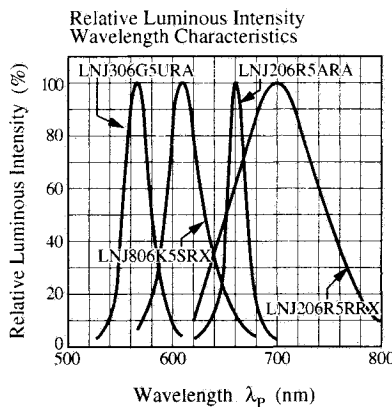
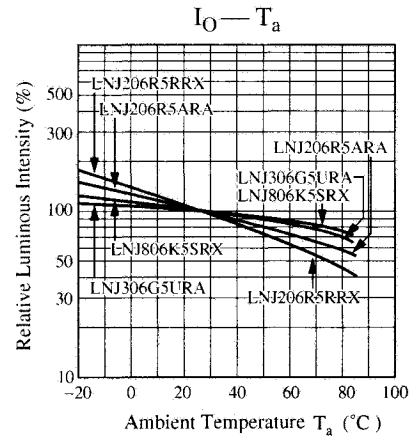
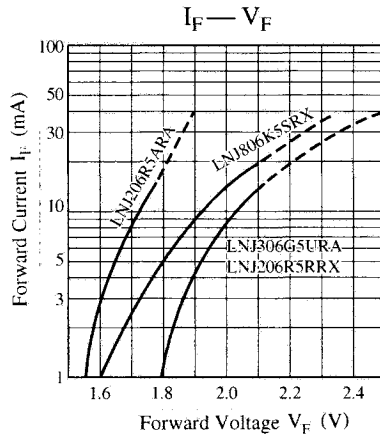
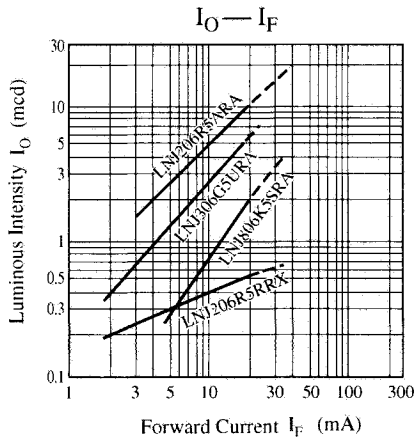
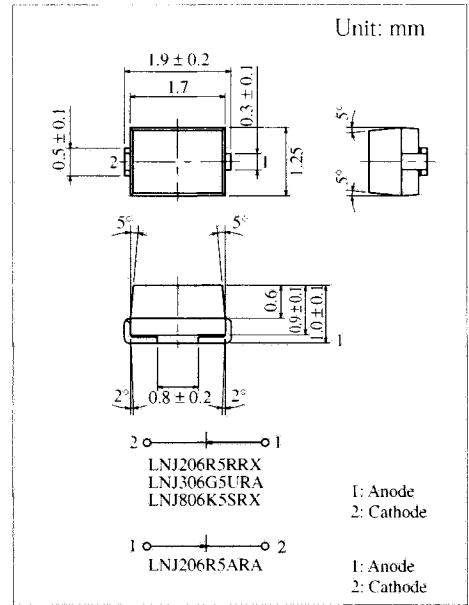
Absolute Maximum Ratings (T_a = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°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°C)

Global Part No.	Lighting Color	Lens Color	I _O		I _F	V _F		λ _P	Δλ	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	10	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**

■ This product contains Gallium Arsenide (GaAs).

GaAs powder and vapor are hazardous to human health if inhaled or ingested. Do not burn, destroy, cut, cleave off, or chemically dissolve the product. Follow related laws and ordinances for disposal. The product should be excluded from general industrial waste or household garbage.

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