

Ultra Hight Bright Surface Mounting Chip LED

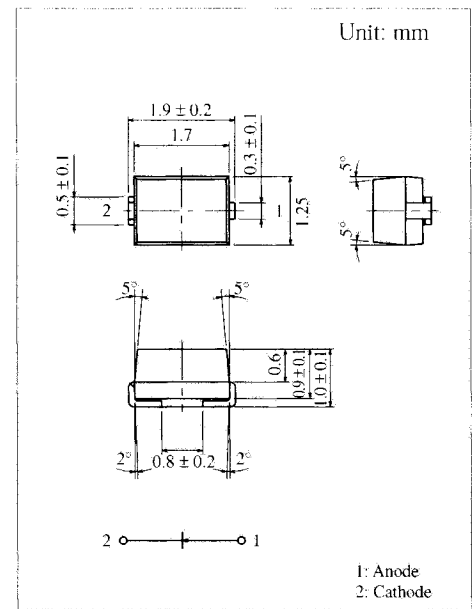
InGaAlP S-J Type

Global Part No. Conventional Part No. Lighting Color
 LNJ406K54RX LNJ406K54RX Amber
 LNJ806R58RX LNJ806R58RX Orange

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

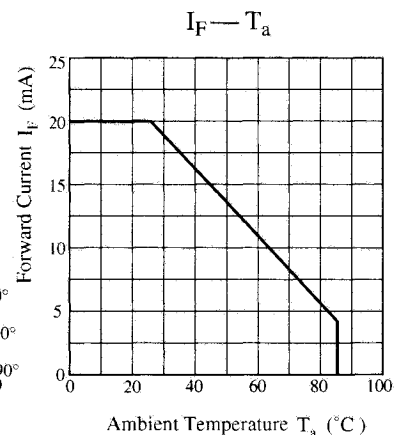
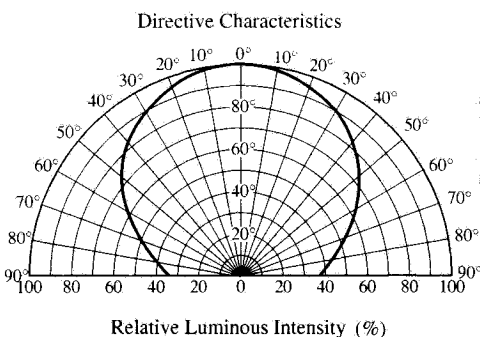
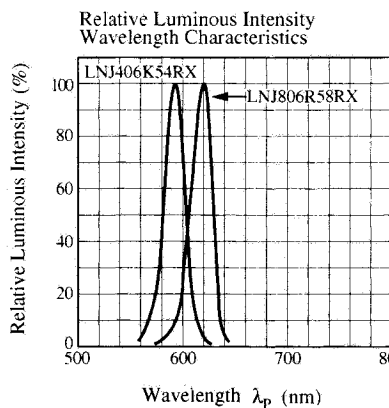
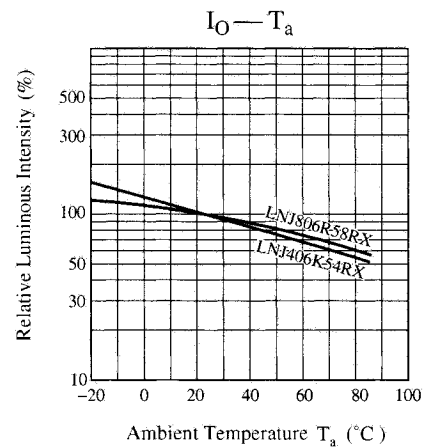
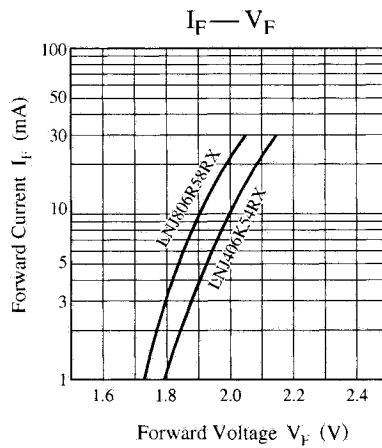
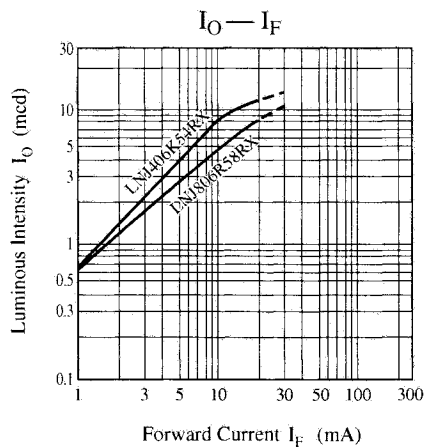
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{slg} ($^\circ\text{C}$)
Amber	50	20	60	4	-25 ~ +85	-30 ~ +100
Orange	50	20	60	4	-25 ~ +85	-30 ~ +100

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



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

Global 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
LNJ406K54RX	Amber	Yellow Diffused	8.5	3.5	10	2.0	2.3	595	15	10	100	4
LNJ806R58RX	Orange	Red Diffused	5.0	2.0	10	1.9	2.3	620	17	10	100	4
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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