

Surface Lighting

□ 20.0 mm × 12.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN0603RP2	LNV206103A	Red
LN0603GP3	LNV306103A	Green
LN0603YP4	LNV406103A	Amber
LN0603RP8	LNV806103A	Orange

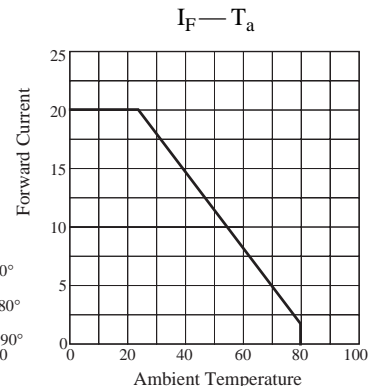
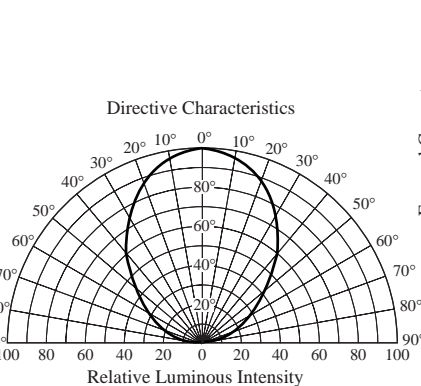
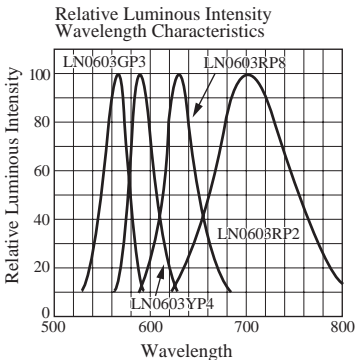
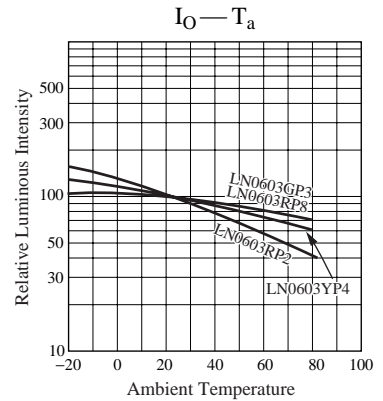
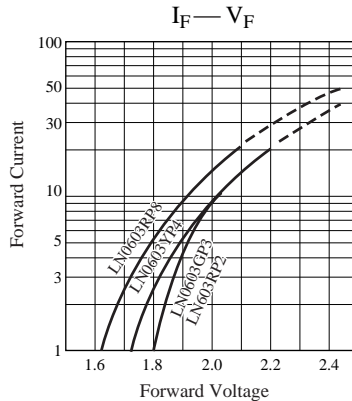
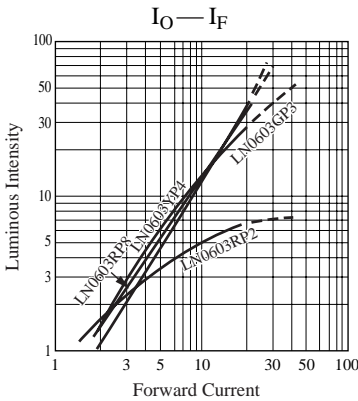
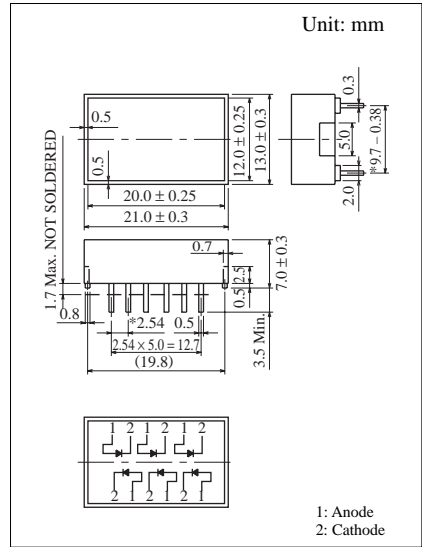
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	60	20	100	4	-25 ~ +80	-30 ~ +85
Green	60	20	100	4	-25 ~ +80	-30 ~ +85
Amber	60	20	100	4	-25 ~ +80	-30 ~ +85
Orange	60	20	100	3	-25 ~ +80	-30 ~ +85

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
LN0603RP2	Red	Red Diffused	5.0	1.5	10	2.2	2.8	700	100	20	10	4
LN0603GP3	Green	Green Diffused	15.0	5.0	10	2.2	2.8	565	30	20	10	4
LN0603YP4	Amber	Amber Diffused	15.0	5.0	10	2.2	2.8	590	30	20	10	4
LN0603RP8	Orange	Red Diffused	13.0	5.0	10	2.1	2.8	630	30	20	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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