

Surface Lighting

□ 15.0 mm × 5.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN0202RP2	LNV202102A	Red
LN0202GP3	LNV302102A	Green
LN0202YP4	LNV402102A	Amber
LN0202RP8	LNV802102A	Orange

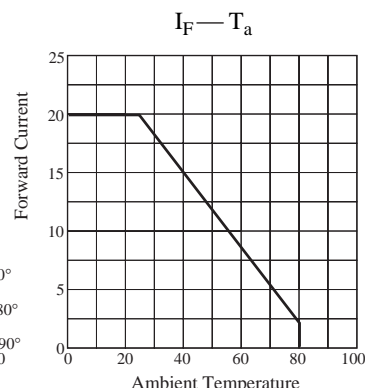
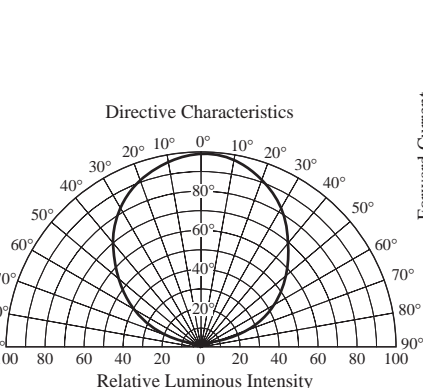
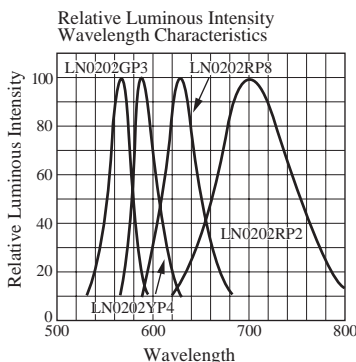
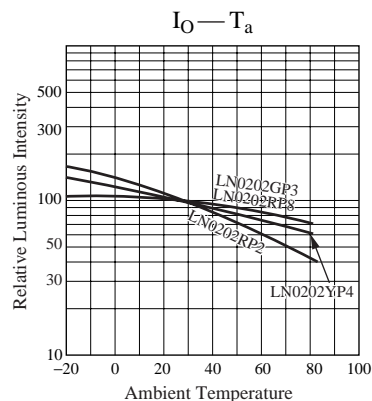
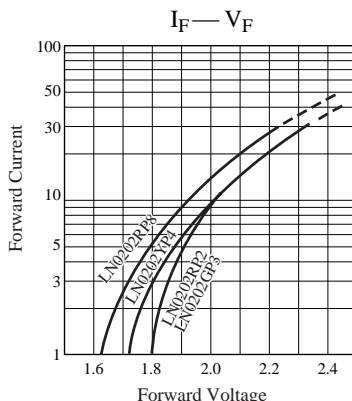
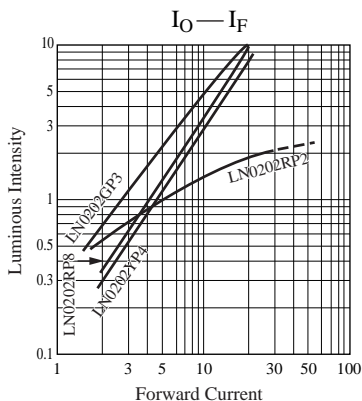
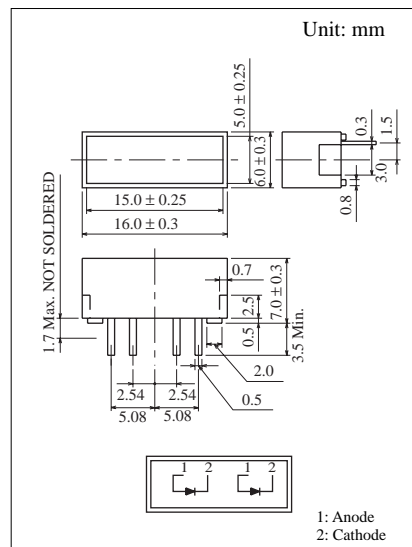
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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
LN0202RP2	Red	Red Diffused	1.5	0.5	10	2.2	2.8	700	100	20	10	4
LN0202GP3	Green	Green Diffused	5.0	2.0	10	2.2	2.8	565	30	20	10	4
LN0202YP4	Amber	Amber Diffused	3.0	1.0	10	2.2	2.8	590	30	20	10	4
LN0202RP8	Orange	Red Diffused	3.5	1.3	10	2.1	2.8	630	40	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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