

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

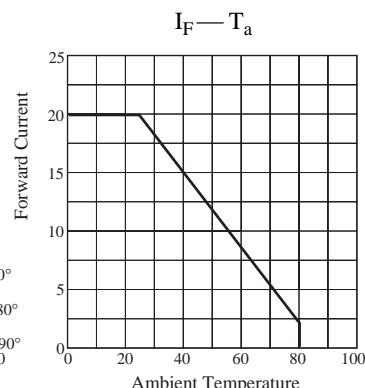
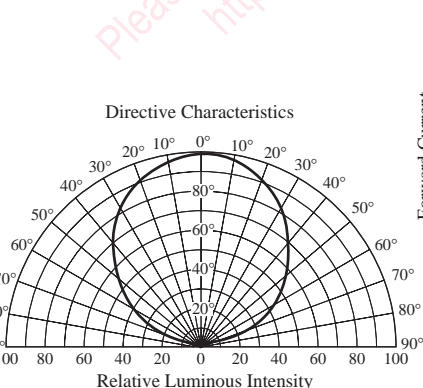
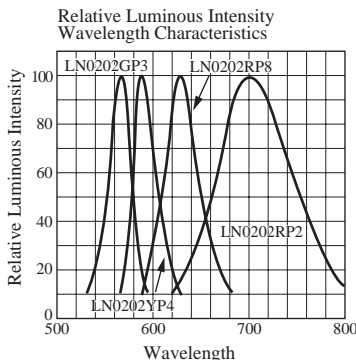
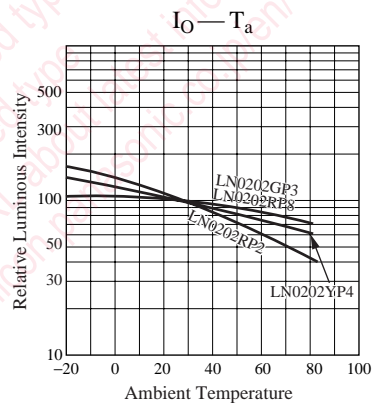
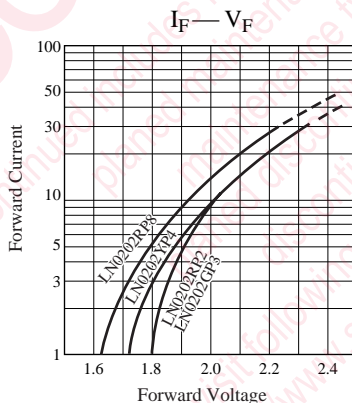
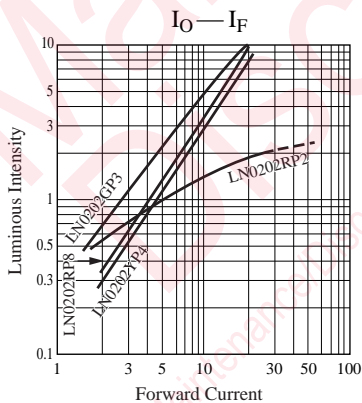
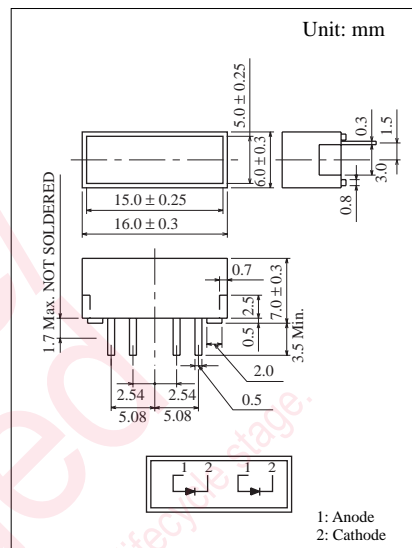
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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			V_F		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min	I_F	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



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