Surface Lighting

\square 20.0 mm \times 12.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Colo
LN0603RP2	LNV206103A	····· Red
LN0603GP3	LNV306103A	····· Green
LN0603YP4	LNV406103A	····· Amber
I N0603RP8	I NV8061034	Orange

■ Absolute Maximum Ratings (T_a = 25°C)

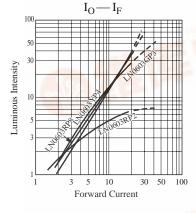
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	60	20	100	4	-25 ~ +80	-30 ~ +85
Green	60	20	100	4	-25 ~ +80	− 30 ~ + 85
Amber	60	20	100	4	-25 ~ +80	-30 ~ +85
Orange	60	20	100	3	−25 ~ +80	-30 ~ +85

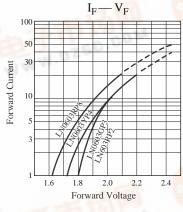
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

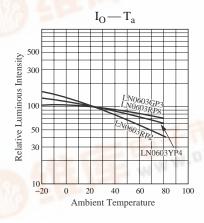
Unit: mm \[\begin{align*} \text{Unit: mm} \\ \text{0.5} \\ \text{0.5} \\ \text{0.5} \\ \text{2.00 \pm 0.25} \\ \text{2.1.0 \pm 0.3} \\ \text{2.54} \\ \text{0.5} \\ \text{2.54} \\ \text{0.5

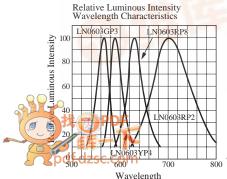
■ Electro–Optical Characteristics (T_a = 25°C)

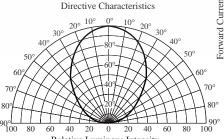
Conventional	Lighting	Lens Color	Io			V _F		λ_{P}	Δλ		I _R	
Part No.	Color		Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_{R}
LN0603RP2	Red	Red Diffused	5.0	1.5	10	2.2	2.8	700	100	20	10	4
LN0603GP3	Green	Green Diffused	15.0	5.0	10	2.2	2.8	565	30	20	10	4
LN0603YP4	Amber	Amber Diffused	15.0	5.0	10	2.2	2.8	590	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	μΑ	V

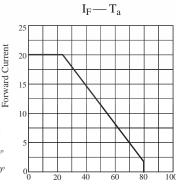














Gallium arsenide material (GaAs) is used in this product.

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

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