### Surface Mounting Chip Led

### Ј Туре

Conventional Part No.	Global Prat No.	Lighting Color
LN1251C - (TR)	···· LNJ251C4RRA	······ Red
LN1351C - (TR)	···· LNJ351C4GRA	······ Green
LN1451C - (TR)	···· LNJ451C4XRA	······ Amber
LN1851C - (TR)	···· LNJ851C4DRA	······ Orange

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

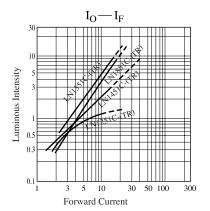
Lighting Color	P <sub>D</sub> (mW)	l <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	$V_{R}(V)$	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	45	15	60	4	$-25 \sim +80$	-30~+85
Green	45	15	60	4	$-25 \sim +80$	-30 ~ +85
Amber	45	15	60	4	$-25 \sim +80$	-30 ~ +85
Orange	45	15	60	3	-25 ~ +80	-30 ~ +85

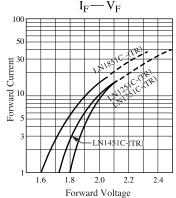
Unit: mm  $\underbrace{\begin{array}{c} 0.5 \\ 0.5 \pm 0.2 \\ 1 \\ 0.5 \pm 0.2 \\ 2 \\ 1.6 \pm 0.2 \\ 2.0 \pm 0.2 \end{array}}_{1: \text{ Anode}}$ 1: Anode 2: Cathode

Pulse width 1 msec. The condition of  $\mathrm{I}_{\mathrm{FP}}$  is duty 10%, Pulse width 1 msec

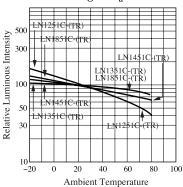
#### Electro–Optical Characteristics (T<sub>a</sub> = 25°C)

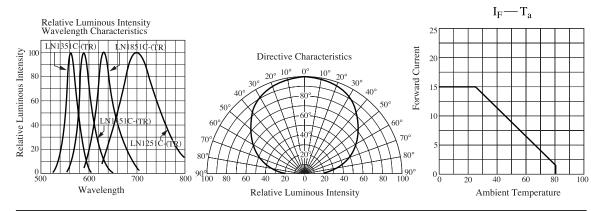
Conventional	Lighting	Lens Color	lo			V <sub>F</sub>		λ <sub>Ρ</sub> Δλ			I <sub>R</sub>	
Part No.	Color		Тур	Min	۱ <sub>F</sub>	Тур	Max	Тур	Тур	I <sub>F</sub>	Max	V <sub>R</sub>
LN1251C - (TR)	Red	Clear	1.2	0.45	10	2.1	2.8	700	100	15	5	4
LN1351C – (TR)	Green	Clear	5.0	1.9	10	2.1	2.8	565	30	15	10	4
LN1451C – (TR)	Amber	Clear	2.2	0.8	10	2.1	2.8	590	30	15	10	4
LN1851C – (TR)	Orange	Clear	3.5	1.3	10	2.05	2.8	630	40	15	10	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μA	V











# ▲ Caution for Safety



## 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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