



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Surface Mounting Chip Led

J Type

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

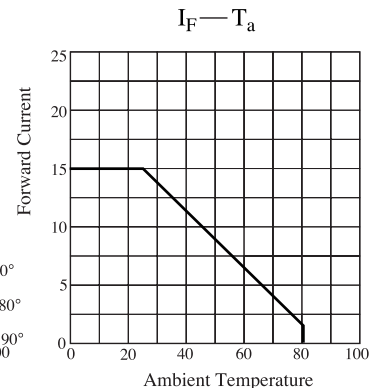
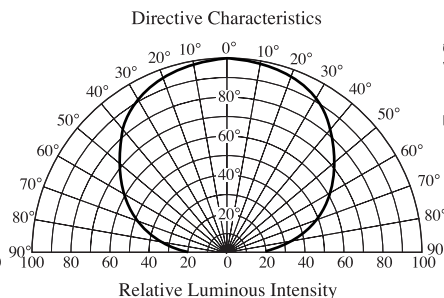
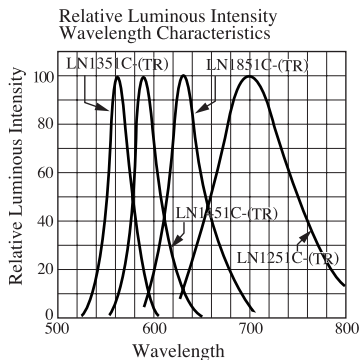
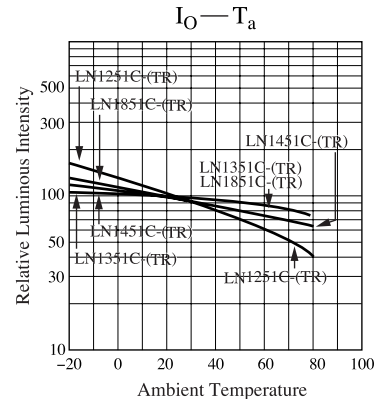
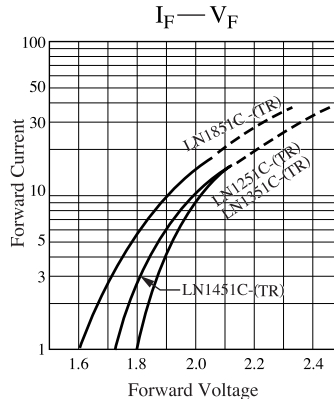
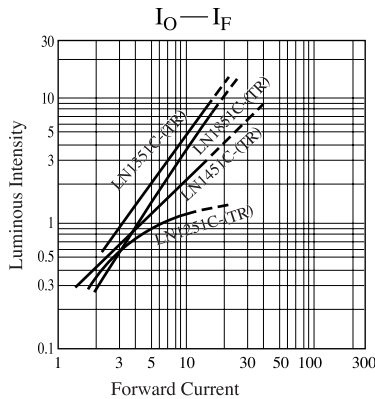
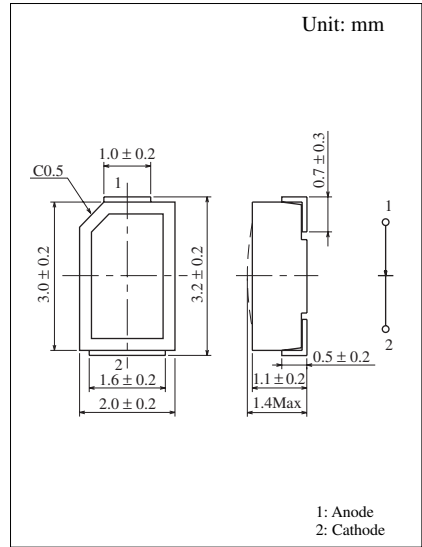
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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	45	15	60	4	-25 ~ +80	-30 ~ +85
Green	45	15	60	4	-25 ~ +80	-30 ~ +85
Amber	45	15	60	4	-25 ~ +80	-30 ~ +85
Orange	45	15	60	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
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

 **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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