



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

Side View Type

Conventional Part No.	Global Part No.	Lighting Color
LNJ210C6RRA	LNJ210C6RRA	Red
LNJ210C6ARA	LNJ210C6ARA	Red
LNJ310M6URA	LNJ310M6URA	Green
LNJ410Q6YRA	LNJ410Q6YRA	Amber
LNJ810L6DRA	LNJ810L6DRA	Orange

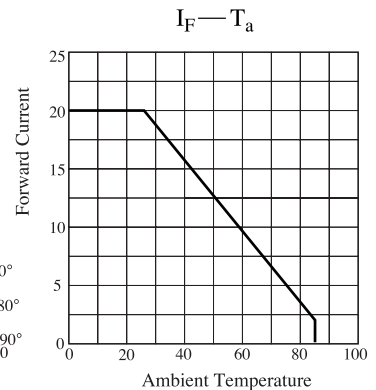
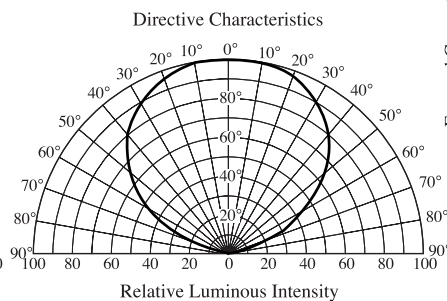
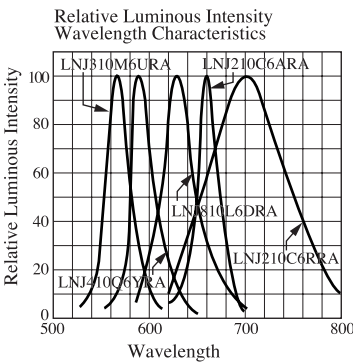
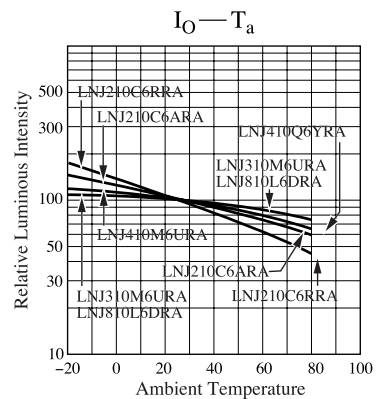
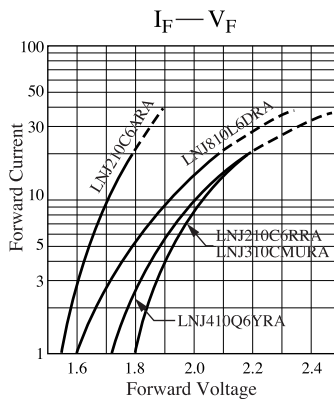
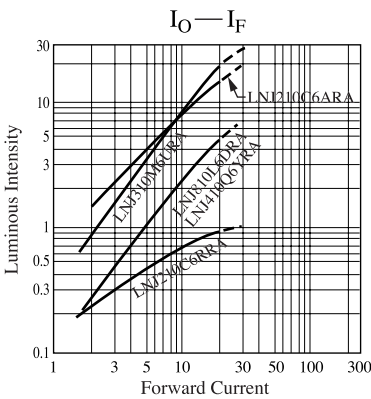
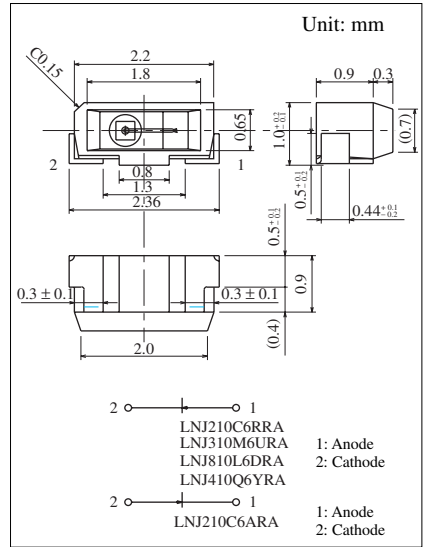
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA) ^a	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	60	20	60	4	-25 ~ +80	-30 ~ +85
Red	60	20	60	3	-25 ~ +80	-30 ~ +85
Green	60	20	60	4	-25 ~ +80	-30 ~ +85
Amber	60	20	60	4	-25 ~ +80	-30 ~ +85
Orange	60	20	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
LNJ210C6RRA	Red	Clear	0.7	0.25	10	2.03	2.6	700	100	10	10	4
LNJ210C6ARA	Red	Clear	8.0	2.6	10	1.72	2.5	660	20	10	100	3
LNJ310M6URA	Green	Clear	8.0	3.0	10	2.03	2.6	565	30	10	10	4
LNJ410Q6YRA	Amber	Yellow Clear	2.5	0.8	10	2.0	2.6	590	30	10	10	4
LNJ810L6DRA	Orange	Red Clear	2.5	0.8	10	1.93	2.6	630	40	10	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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- (3) The products described in this material are intended to be used for standard applications or general electronic equipment (such as office equipment, communications equipment, measuring instruments and household appliances).
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 - Any applications other than the standard applications intended.
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