



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Surface Mounting Chip LED

3216 Type

Conventional Part No. Global Part No. Lighting Color
 LNJ211R8ARA LNJ211R8ARA Red
 LNJ311G8TRA LNJ311G8TRA Green
 LNJ411K8YRA LNJ411K8YRA Amber

■ 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	3	-30 ~ +85	-40 ~ +100
Green	60	20	100	4	-30 ~ +85	-40 ~ +100
Amber	60	20	100	4	-30 ~ +85	-40 ~ +100

* I_{FP} の条件は duty 10% , 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
LNJ211R8ARA	Red	Red Diffused	7.0	2.3	10	1.72	2.5	660	20	10	100	3
LNJ311G8TRA	Green	Green Diffused	5.5	1.8	10	2.03	2.6	565	30	10	10	4
LNJ411K8YRA	Amber	Yellow Diffused	2.2	0.75	10	2.0	2.6	590	30	10	10	4
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

