



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

TSS Bi-Color Type

Global Part No. Conventional Part No. Lighting Color
 LNJ115W88RA LNJ115W88RA Green / Amber
 LNJ115W8VRA LNJ115W8VRA Pure Green / Soft Orange
 LNJ115W8HRA LNJ115W8HRA Blue / Red

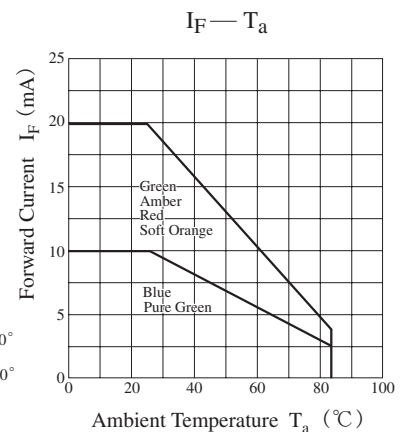
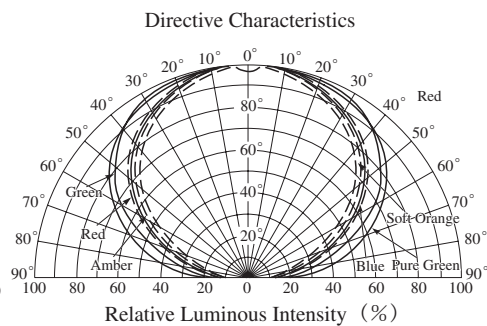
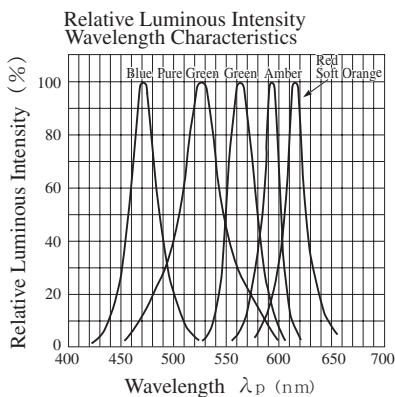
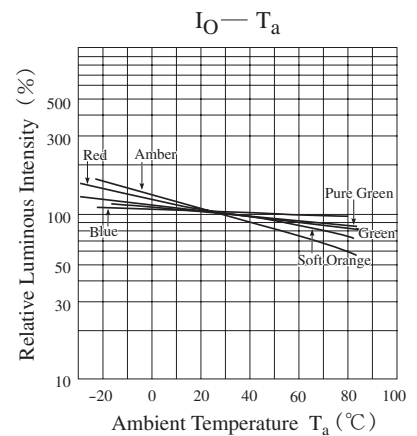
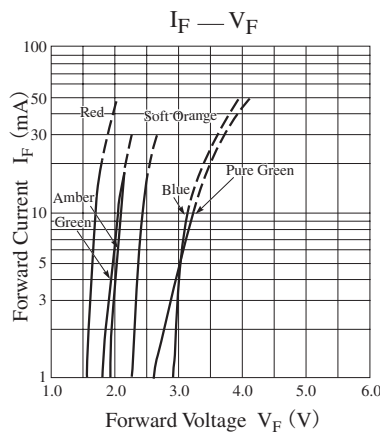
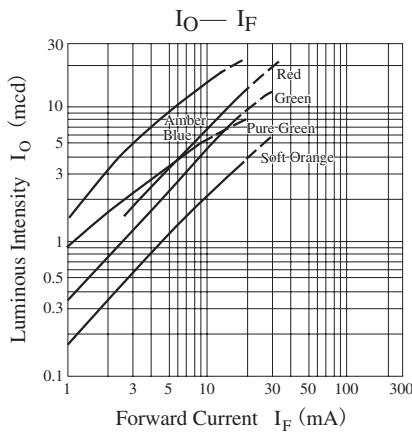
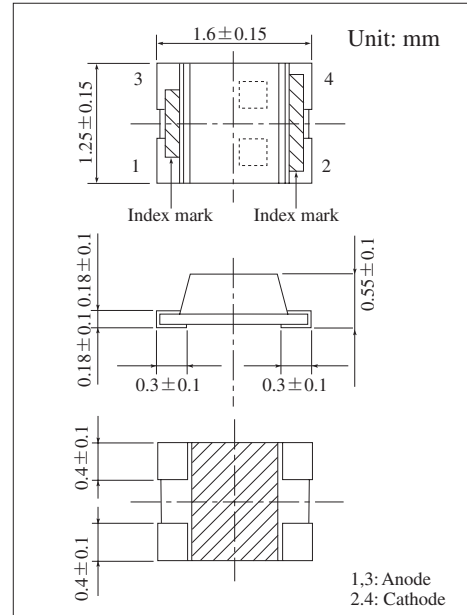
Absolute Maximum Ratings (T_a=25°C)

Lighting Color	P(mW)	I _{FDC} (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Green	60	20	60	4	-30~+85	-40~+100
Amber	55	20	60	4	-30~+85	-40~+100
Pure Green	40	10	50	5	-30~+85	-40~+100
Soft Orange	55	20	60	4	-30~+85	-40~+100
Blue	40	10	50	5	-30~+85	-40~+100
Red	55	20	60	3	-30~+85	-40~+100

*The condition of I_{pp} is 10%, Pulse width 1 msec.

Electro-Optical Characteristics (T_a=25°C)

Global Part No.	Lighting Color	Lens Color	I _O		I _F	V _F		λ _p	Δλ	I _F	I _R	
			Typ	Min		Typ	Max				Max	V _R
LNJ115W88RA	Green	White Diffused	5.0	1.8	10	2.03	2.6	565	30	10	10	4
	Amber	White Diffused	21	7	10	2.1	2.6	595	15	10	100	4
LNJ115W8VRA	Pure Green	White Diffused	34	10.3	5	3.0	3.7	525	45	5	10	5
	Soft Orange	White Diffused	21	7	10	1.95	2.5	615	20	10	100	4
LNJ115W8HRA	Blue	White Diffused	8.4	4.0	5	3.2	3.7	470	30	5	10	5
	Red	White Diffused	6.7	2.8	10	1.72	2.5	655	20	10	100	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



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