

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

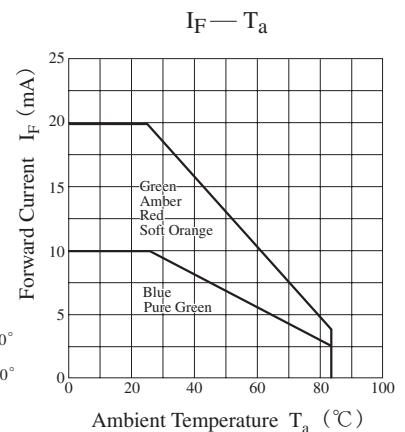
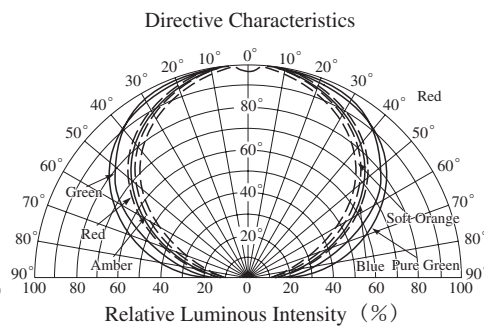
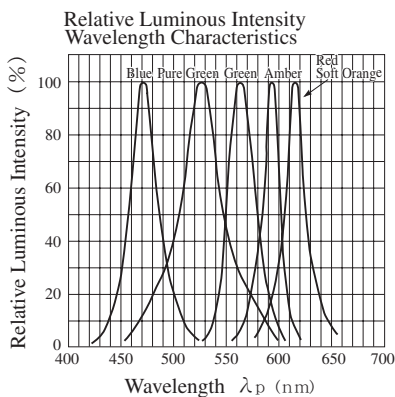
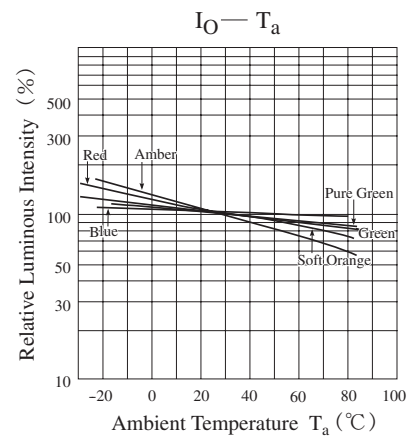
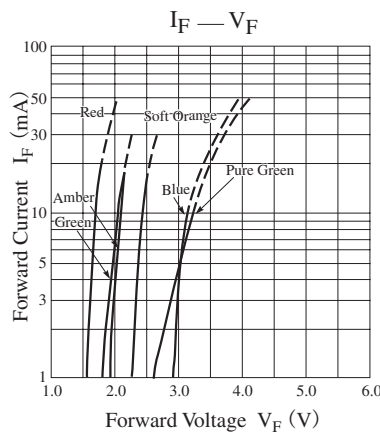
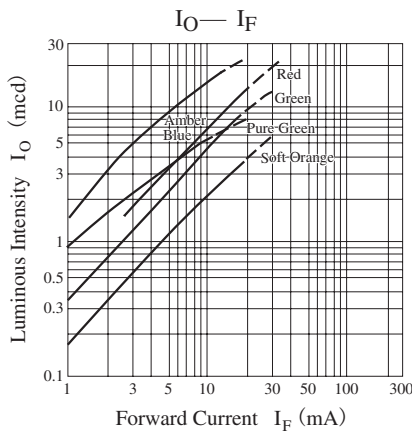
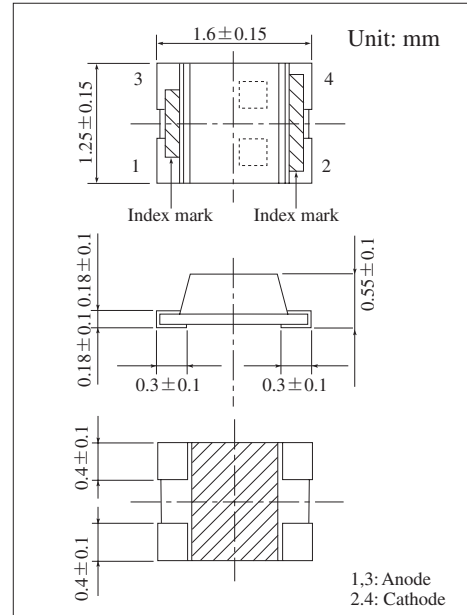
Absolute Maximum Ratings ($T_a=25^\circ\text{C}$)

Lighting Color	P(mW)	I_{FDC} (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
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 ($T_a=25^\circ\text{C}$)

Global 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
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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