

Surface Mounting Chip LED

USS Tri-Color Type

Global Part No. Conventional Part No. Lighting Color
 LNJ727W83RAS LNJ727W83RAS Blue
 Pure Green
 Orange

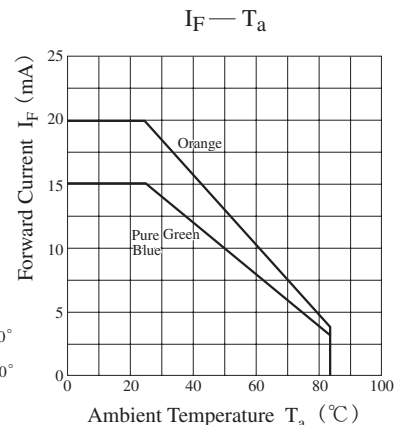
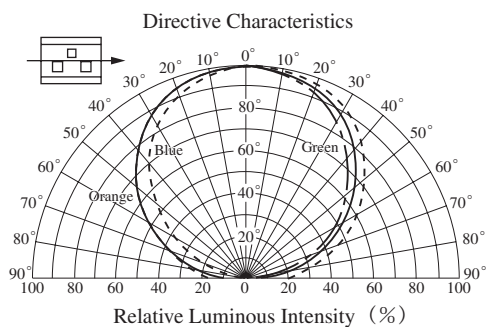
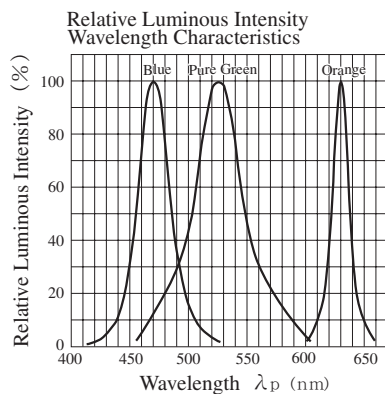
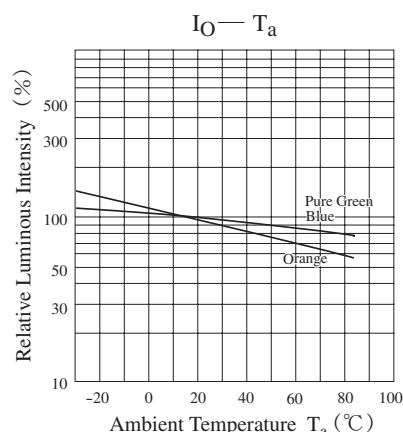
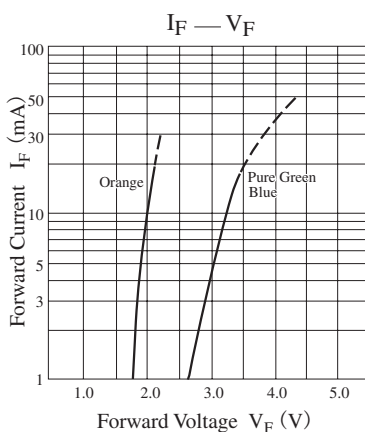
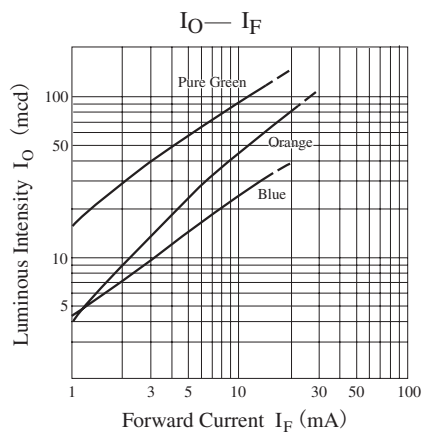
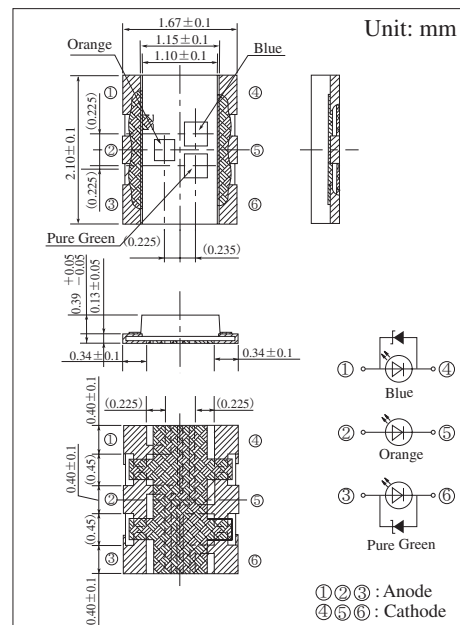
■ Absolute Maximum Ratings ($T_a=25^\circ\text{C}$)

Lighting Color	P(mW)	$I_{FP}(mA)^*$	$I_{FDC}(mA)$	$I_{RDC}(mA)$	$V_R(V)$	$T_{opr}(^\circ\text{C})$	$T_{stg}(^\circ\text{C})$
Blue	65	50	15	100	—	-30~+85	-40~+100
Pure Green	65	50	15	100	—		
Orange	70	60	20	—	4		

*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
LNJ727W83RAS	Blue	White Diffused	15	5	5	3.1	3.8	470	30	5	—	—
	Pure Green	White Diffused	60	30	5	3.1	3.8	525	45	5	—	—
	Orange	White Diffused	45	20	10	2.0	2.5	630	15	10	100	4
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



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