

Surface Mounting Chip LED

TSS Tri-Color Type

Conventional Part No. Global Parts No. Lighting Color
 LNJ717W80RA LNJ717W80RA Pure Green/Soft Orange/Blue
 LNJ717W80RAS LNJ717W80RAS Pure Green/Soft Orange/Blue

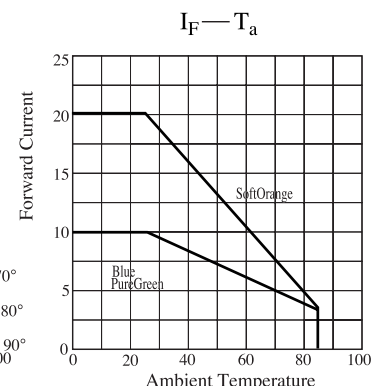
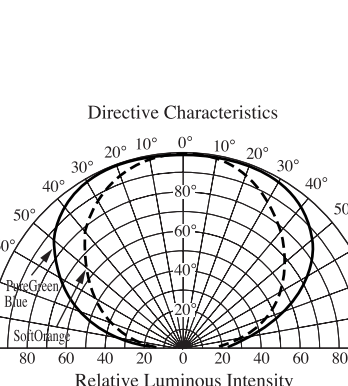
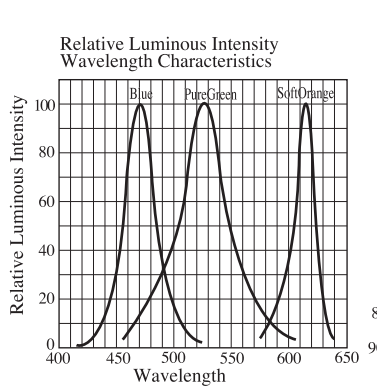
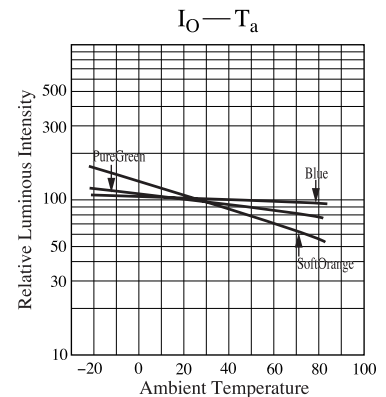
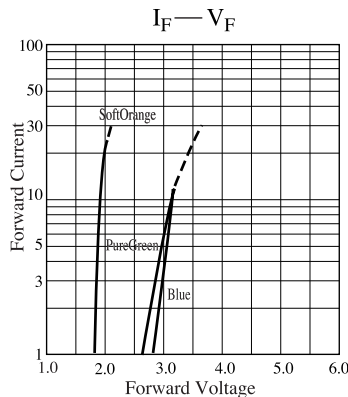
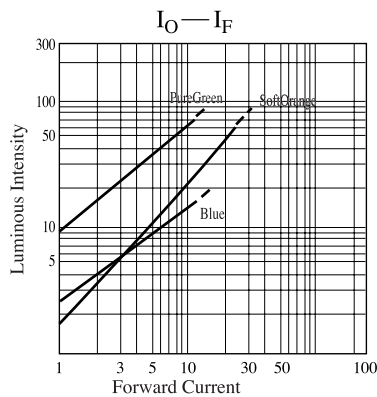
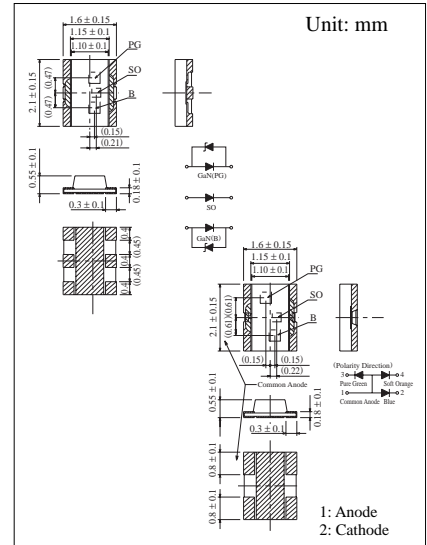
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
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
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

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
LNJ717W80RA	Pure Green	White Diffused	34	10.3	5	3.0	3.7	525	45	5	10	5
	Soft Orange	White Diffused	23	7	10	1.95	2.5	615	20	5	100	4
	Blue	White Diffused	8.5	3.2	5	3.2	3.7	470	30	5	10	5
LNJ717W80RAS	Pure Green	White Diffused	34	10.3	5	3.0	3.7	525	45	5	—	—
	Soft Orange	White Diffused	23	7	10	1.95	2.5	615	20	5	100	4
	Blue	White Diffused	8.5	3.2	5	3.2	3.7	470	30	5	—	—
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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