

# Surface Mounting Chip LED

## TSS Type

Conventional Part No.	Global Part No.	Lighting Color
LNJ212R8ARA	LNJ212R8ARA	Red
LNJ312G8LRA	LNJ312G8LRA	Green
LNJ312G8TRA	LNJ312G8TRA	Green
LNJ412K8YRA	LNJ412K8YRA	Amber
LNJ812R8DRA	LNJ812R8DRA	Orange
LNJ812K8SRA	LNJ812K8SRA	Soft Orange

### Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	50	20	60	4	-30 ~ +85	-40 ~ +100
Green	30	10	50	4	-30 ~ +85	-40 ~ +100
Green	50	20	60	4	-30 ~ +85	-40 ~ +100
Amber	50	20	60	4	-30 ~ +85	-40 ~ +100
Orange	50	20	60	3	-30 ~ +85	-40 ~ +100
Soft Orange	50	20	60	3	-30 ~ +85	-40 ~ +100

I<sub>FP</sub>の条件は duty 10% Pulse width 1 msec. The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec

### Electro-Optical Characteristics (T<sub>a</sub> = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I <sub>O</sub>			V <sub>F</sub>		λ <sub>P</sub>	Δλ	I <sub>F</sub>	I <sub>R</sub>	
			Typ	Min	I <sub>F</sub>	Typ	Max				Max	V <sub>R</sub>
LNJ212R8ARA	Red	Red Diffused	6.7	2.2	10	1.72	2.5	655	20	10	100	3
LNJ312G8LRA	Green	Green Diffused	3.0	1.5	5	1.9	2.4	565	30	5	10	4
LNJ312G8TRA	Green	Green Diffused	5.0	1.8	10	2.03	2.6	565	30	10	10	4
LNJ412K8YRA	Amber	Yellow Diffused	1.5	0.6	10	2.0	2.6	59	30	10	10	4
LNJ812R8DRA	Orange	Orange Diffused	1.0	0.4	10	1.93	2.6	630	40	10	10	3
LNJ812K8SRA	Soft Orange	Yellow Diffused	1.0	0.4	10	1.93	2.6	610	40	10	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

