Surface Mounting Chip LED

SS Type

Conventional Part No.	Global Part No.	Lighting Color
LNJ208R8ARA ······	··· LNJ208R8ARA	Red
LNJ308G8LRA ······	··· LNJ308G8LRA	Green
LNJ308G8TRA ······	··· LNJ308G8TRA	Green
LNJ408K8YRA ······	··· LNJ408K8YRA	A ······ Amber
LNJ408K8ZRA ······	··· LNJ408K8ZRA	Amber
LNJ808R8ERA ······	··· LNJ808R8ERA	·····Orange
LNJ808K8SRA	LNJ808K8SRA	Soft Orange

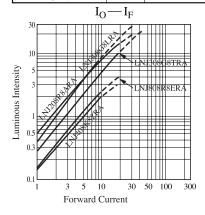
■ Absolute Maximum Ratings $(T_a = 25^{\circ}C)$

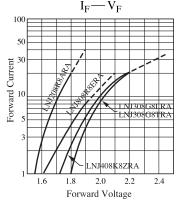
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	50	20	100	3	−30 ~ +85	-40 ~ +100
Green	30	10	50	4	$-30 \sim +85$	-40 ~ +100
Green	50	20	100	4	$-30 \sim +85$	− 40 ~ +100
Amber	50	20	100	4	$-30 \sim +85$	-40 ~ +100
Amber	30	10	50	4	$-30 \sim +85$	-40 ~ +100
Orange	30	10	50	3	$-30 \sim +85$	− 40 ~ +100
Soft Orange	50	20	100	3	$-30 \sim +85$	-40 ~ +100

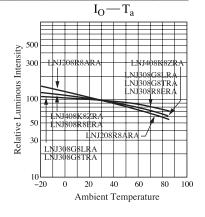
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

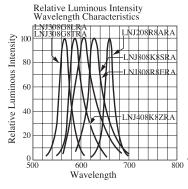
■ Electro–Optical Characteristics (T_a = 25°C)

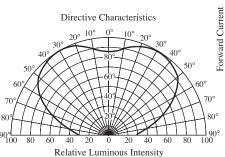
Conventional	Lighting	Lens Color	I _O			V _E		λ _P Δλ			I _R	
Part No.	Color	Lens Color	Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	`V _R
LNJ208R8ARA	Red	Red Diffused	6.7	2.2	10	1.72	2.5	660	20	10	100	3
LNJ308G8LRA	Green	Green Diffused	3.0	1.5	5	1.9	2.4	565	30	5	10	4
LNJ308G8TRA	Green	GreenDiffused	5.0	1.8	10	2.03	2.6	565	30	10	10	4
LNJ408K8YRA	Amber	Yellow Diffused	1.5	0.6	10	2.0	2.6	590	30	10	10	4
LNJ408K8ZRA	Amber	Yellow Diffused	0.9	0.4	5	1.9	2.4	590	30	5	10	4
LNJ808R8ERA	Orange	Orange Diffused	1.1	0.4	5	1.8	2.4	630	40	5	10	3
LNJ808K8SRA	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

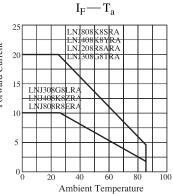












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Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health

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