

# Surface Mounting Chip LED

## S – J Type

Conventional Part No.	Global Part No.	Lighting Color
LNJ206R5RRX	LNJ206R5RRX	Red
LNJ206R5ARA	LNJ206R5ARA	Ultra Bright Red
LNJ306G5URA	LNJ306G5URA	Green
LNJ806K5SRX	LNJ806K5SRX	Soft Orange

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

Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA) <sup>a</sup>	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Red	60	20	60	4	-25 ~ +85	-30 ~ +100
Ultra Bright Red	60	20	60	3	-25 ~ +85	-30 ~ +100
Green	60	20	60	4	-25 ~ +85	-30 ~ +100
Soft Orange	60	20	60	3	-25 ~ +85	-30 ~ +100

<sup>a</sup> $I_{FR}$ の条件は duty 10% 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	$I_O$		$I_F$	$V_F$		$\lambda_P$	$\Delta\lambda$	$I_F$	$I_R$	
			Typ	Min		Typ	Max				Max	$V_R$
LNJ206R5RRX	Red	Red Diffused	0.4	0.15	10	2.03	2.6	700	100	10	5	4
LNJ206R5ARA	Ultra Bright Red	Red Diffused	5.0	1.7	10	1.72	2.5	660	20	10	10	3
LNJ306G5URA	Green	Green Diffused	2.6	0.9	10	2.03	2.6	565	30	10	10	4
LNJ806K5SRX	Soft Orange	Yellow Diffused	0.8	0.3	10	1.93	2.6	610	40	10	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	V

