

Surface Mounting Chip LED

S-GW Type

Conventional Part No.	Global Part No.	Lighting Color
LN1271R – (TR)	LNJ206R5RRW	Red
LN1371G – (TR)	LNJ306G5URW	Green
LN1371G(H) – 6U(TR)	LNJ306G5TRW	Green
LN1471Y – (TR)	LNJ406K5YRW	Amber
LN1871Y5 – (TR)	LNJ806K5SRW	Soft Orange
LN1271RAL – (TR)	LNJ206R5ARW	Ultra Bright Red

■ 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} ($^\circ\text{C}$)
Red	60	20	60	4	-25 ~ +85	-30 ~ +100
Green	60	20	60	4	-25 ~ +85	-30 ~ +100
Green	60	20	60	4	-25 ~ +85	-30 ~ +100
Amber	60	20	60	4	-25 ~ +85	-30 ~ +100
Soft Orange	60	20	60	3	-25 ~ +85	-30 ~ +100
Ultra Bright Red	60	20	60	3	-25 ~ +85	-30 ~ +100

* I_{FP} 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		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min		Typ	Max				Max	V_R
LN1271R – (TR)	Red	Red Diffused	0.4	0.15	10	2.03	2.6	700	100	10	5	4
LN1371G – (TR)	Green	Green Diffused	2.6	0.9	10	2.03	2.6	565	30	10	10	4
LN1371G(H) – 6U(TR)	Green	Green Diffused	5.0	3.0	10	2.03	2.6	565	30	10	10	4
LN1471Y – (TR)	Amber	Yellow Diffused	1.0	0.4	10	2.0	2.6	590	30	10	10	4
LN1871Y5 – (TR)	Soft Orange	Yellow Diffused	0.8	0.3	10	1.93	2.6	610	40	10	10	3
LN1271RAL – (TR)	Ultra Bright Red	Red Diffused	5.0	1.7	10	1.72	2.5	660	20	10	100	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

