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# 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<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	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<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>		I <sub>F</sub>	V <sub>F</sub>		λ <sub>p</sub>	Δλ	I <sub>F</sub>	I <sub>R</sub>	
			Typ	Min		Typ	Max				Max	V <sub>R</sub>
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

