

Square Type

□ 5.7 mm × 2.7 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN249RPX	LNG249RKR	Red
LN349GPX	LNG349GKG	Green
LN449YPX	LNG449YKX	Amber
LN849RPX	LNG849RKD	Orange

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

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(\text{C}^\circ)$	$T_{stg}(\text{C}^\circ)$
Red	70	25	150	4	-25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100
Orange	90	30	150	3	-25 ~ +85	-30 ~ +100

I_{FP} 的条件は, 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_R		
			Typ	Min		Typ	Max			I_F	Max	V_R
LN249RPX	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN349GPX	Green	Green Diffused	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN449YPX	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN849RPX	Orange	Red Diffused	2.0	0.75	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

