

Square Type

5.0 mm × 2.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN242RPX	LNG242RKR	Red
LN342GPX	LNG342GKG	Green
LN442YPX	LNG442YKX	Amber
LN842RPX	LNG842RKD	Orange

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	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} の条件は $\text{duty } 10\%$ 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
LN242RPX	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN342GPX	Green	Green Diffused	1.5	0.50	20	2.2	2.8	565	30	20	10	4
LN442YPX	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN842RPX	Orange	Red Diffused	2.5	1.00	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

