

Square Type

□ 5.0 mm × 2.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN242RPH	LNG242RFR	Red
LN342GPH	LNG342GFG	Green
LN442YPH	LNG442YFX	Amber
LN842RPH	LNG842RFD	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_F	I_R	
			Typ	Min		Typ	Max				Max	V_R
LN242RPH	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN342GPH	Green	Green Diffused	1.5	0.50	20	2.2	2.8	565	30	20	10	4
LN442YPH	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN842RPH	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

