

Square Type

3.9 mm × 1.75 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN275RPX	LNG275RKR	Red
LN375GPX	LNG375GKG	Green
LN475YPX	LNG475YKX	Amber
LN875RPX	LNG875RKD	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			V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min	I_F	Typ	Max	Typ	Typ		Max	V_R
LN275RPX	Red	Red Diffused	0.5	0.2	15	2.2	2.8	700	100	20	5	4
LN375GPX	Green	Green Diffused	2.5	0.9	20	2.2	2.8	565	30	20	10	4
LN475YPX	Amber	Amber Diffused	2.0	0.7	20	2.2	2.8	590	30	20	10	4
LN875RPX	Orange	Red Diffused	3.0	1.0	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

