Square Type

\Box 4.0 mm imes 2.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN251RPX	···· LNG251RKR ····	······ Red
LN351GPX	···· LNG351GKG ···	······ Green
LN451YPX	···· LNG451YKX ···	······ Amber

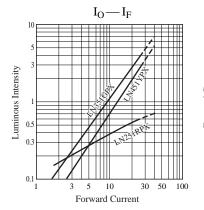
Absolute Maximum Ratings ($T_a = 25^{\circ}C$)

Lighting Color	P _D (mW)	l _F (mA)	I _{FP} (mA)*	$V_{R}(V)$	T _{opr} (°C)	T _{stg} (°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	$-30 \sim +100$

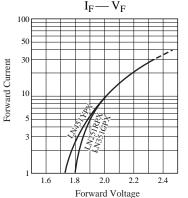
Pulse width 1 msec. The condition of IFP is duty 10%, Pulse width 1 msec

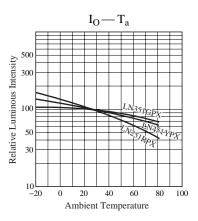
Electro–Optical Characteristics ($T_a = 25^{\circ}C$)

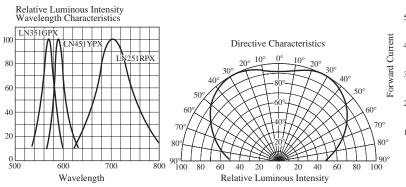
Conventional	Lighting	Lens Color	Io			V _F λ _P		λ _P	Δλ		I _R	
Part No.	Color		Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V _R
LN251RPX	Red	Red Diffused	0.5	0.20	15	2.2	2.8	700	100	20	5	4
LN351GPX	Green	Green Diffused	3.0	1.00	20	2.2	2.8	565	30	20	10	4
LN451YPX	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μA	V

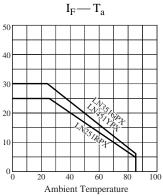


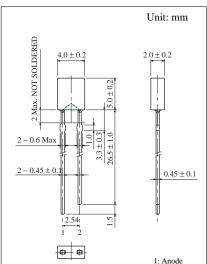
Relative Luminous Intensity











2: Cathode

▲ Caution for Safety



Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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Even when the products are used within the guaranteed values, redundant design is recommended, so that such equipment may not violate relevant laws or regulations because of the function of our products.

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