LN451YPX

Square Type

 \Box 4.0 mm \times 2.0 mm

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

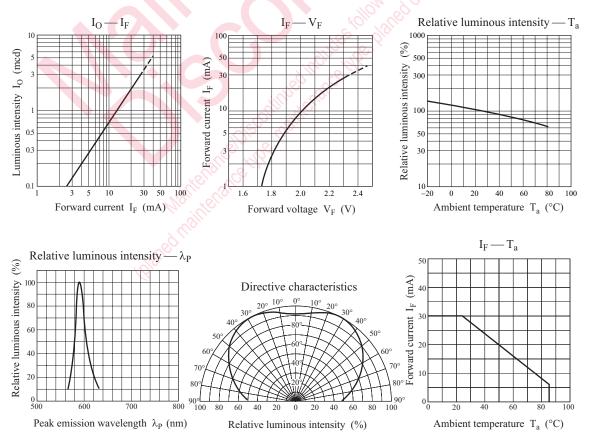
Parameter	Symbol	Rating	Unit	
Power dissipation	P _D	90	mW	
Forward current	I _F	30	mA	
Pulse forward current *	I _{FP}	150	mA	
Reverse voltage	V _R	4	V	
Operating ambient temperature	T _{opr}	-25 to +85	°C	
Storage temperature	T _{stg}	-30 to +100	°C	

Lighting Color

• Amber

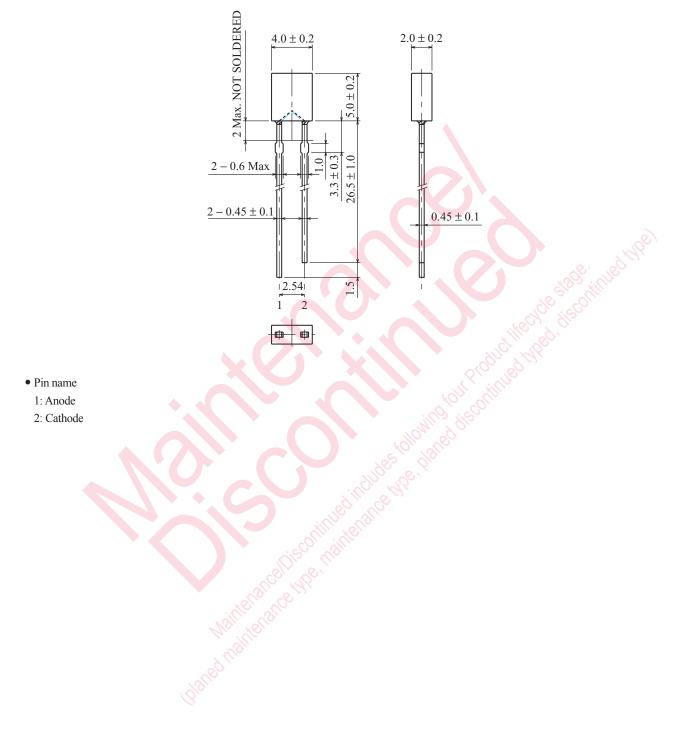
Electro-Optical Characteristics $T_a = 25^{\circ}C$

Storage temperature	1 stg	-30 10 + 100	C				
Note) *: The condition of I _{FP} is duty 10%, Pulse with	dth 1 msec.						
Electro-Optical Characteristics $T_a = 25^{\circ}C$							² O
Parameter	Symbol		Conditions	Min	Тур	Max	Unit
Luminous intensity	Io			0.75	2.0	5	mcd
Reverse current	I _R	$V_R = 4 V$			1000	10	μΑ
Forward voltage	V _F	$I_F = 20 \text{ mA}$	X	o loor e	2.2	2.8	V
Peak emission wavelength	λ_{P}	$I_F = 20 \text{ mA}$		ST AND	590		nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$			30		nm



Package (Unit: mm)





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