# LN877RPX

## Round Type

\$\phi 3.0 mm Series

#### ■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol Rating		Unit	
Power dissipation	$P_{\mathrm{D}}$	90	mW	
Forward current	$I_{\mathrm{F}}$	30	mA	
Pulse forward current *	$I_{FP}$	150	mA	
Reverse voltage	V <sub>R</sub>	3	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +85	°C	
Storage temperature	T <sub>stg</sub>	-30 to +100	°C	

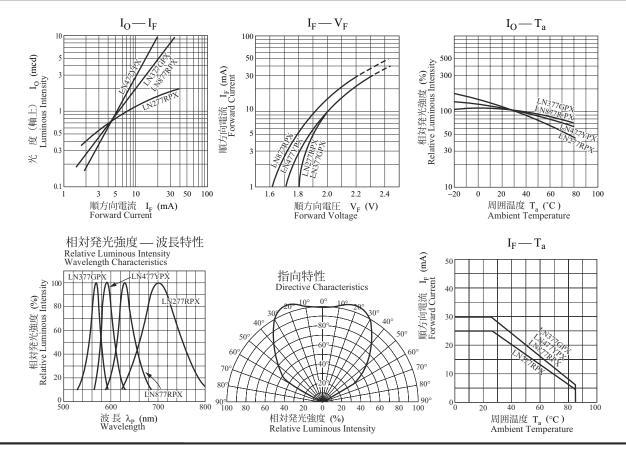
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

#### ■ Lighting Color / Lens Color

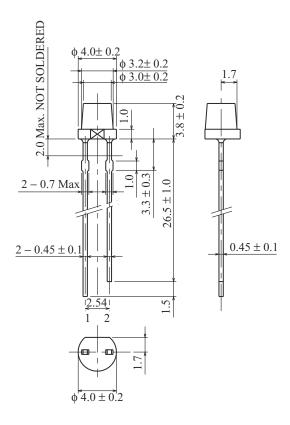
• Orange / Red Diffused

### ■ Electro-Optical Characteristics $T_a = 25$ °C

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity	I <sub>O</sub>		2.0	5.0		mcd
Forward current	$I_{\mathrm{F}}$			20		mA
Forward voltage	V <sub>F</sub>	$I_F = 20 \text{ mA}$		2.1	2.8	V
Peak emission wavelength	$\lambda_{\mathrm{P}}$	$I_F = 20 \text{ mA}$		630		nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$		40		nm
Reverse current	$I_R$	$V_R = 3 V$			10	μΑ



### ■ Package (Unit: mm)



- Pin name
  - 1: Anode
  - 2: Cathode

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