

# LN242RPX

## Square Type

□ 5.0 mm × 2.0 mm

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

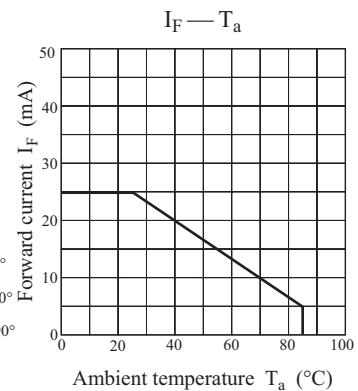
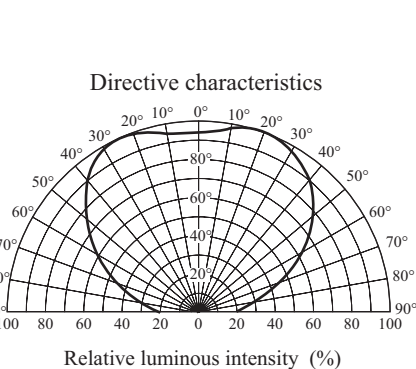
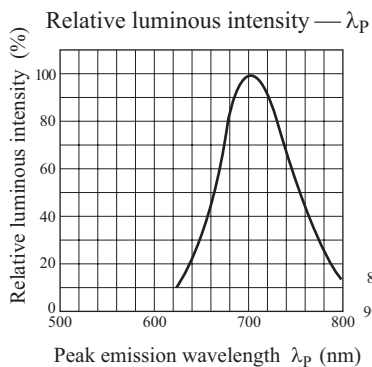
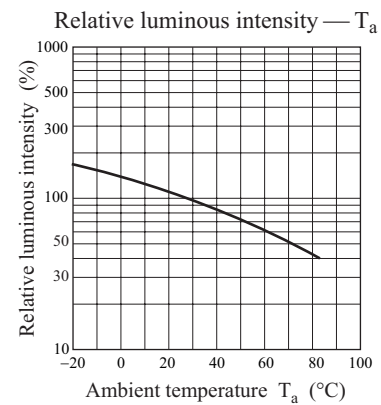
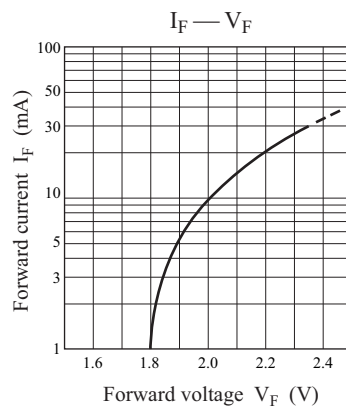
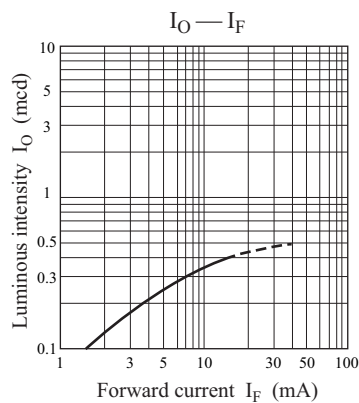
| Parameter                     | Symbol    | Rating      | Unit             |
|-------------------------------|-----------|-------------|------------------|
| Power dissipation             | $P_D$     | 70          | mW               |
| Forward current               | $I_F$     | 25          | mA               |
| Pulse forward current *       | $I_{FP}$  | 150         | mA               |
| Reverse voltage               | $V_R$     | 4           | V                |
| Operating ambient temperature | $T_{opr}$ | -25 to +85  | $^\circ\text{C}$ |
| Storage temperature           | $T_{stg}$ | -30 to +100 | $^\circ\text{C}$ |

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

- Red

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

| Parameter                | Symbol          | Conditions           | Min  | Typ | Max | Unit          |
|--------------------------|-----------------|----------------------|------|-----|-----|---------------|
| Luminous intensity       | $I_O$           |                      | 0.15 | 0.4 |     | mcd           |
| Reverse current          | $I_R$           | $V_R = 4\text{ V}$   |      |     | 5   | $\mu\text{A}$ |
| Forward voltage          | $V_F$           | $I_F = 20\text{ mA}$ |      | 2.2 | 2.8 | V             |
| Peak emission wavelength | $\lambda_p$     | $I_F = 20\text{ mA}$ |      | 700 |     | nm            |
| Spectral half band width | $\Delta\lambda$ | $I_F = 20\text{ mA}$ |      | 100 |     | nm            |

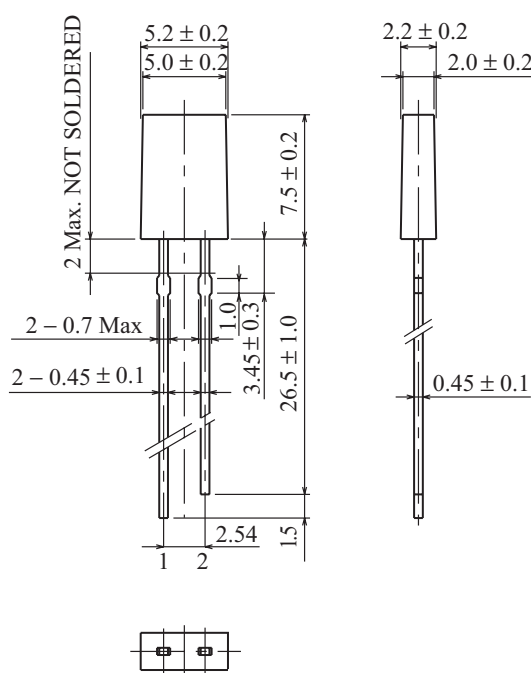


LN242RPX

**Panasonic**

■ Package (Unit: mm)

LLXFTN2SK420



• Pin name

1: Anode

2: Cathode

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