

# Round Type

## φ 3.0 mm Series

| Conventional Part No. | Global Part No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN277RPX              | LNG277RKR       | Red            |
| LN377GPX              | LNG377GKG       | Green          |
| LN477YPX              | LNG477YKX       | Amber          |
| LN877RPX              | LNG877RKD       | Orange         |

### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

| Lighting Color | P <sub>D</sub> (mW) | I <sub>F</sub> (mA) | I <sub>FP</sub> (mA)* | V <sub>R</sub> (V) | T <sub>opr</sub> (°C) | T <sub>stg</sub> (°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<sub>FP</sub>の条件は、duty 10%、Pulse width 1 msec. The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec

### ■ Electro-Optical Characteristics (T<sub>a</sub> = 25°C)

| Conventional Part No. | Lighting Color | Lens Color     | I <sub>O</sub> |     | I <sub>F</sub> | V <sub>F</sub> |     | λ <sub>P</sub> | Δλ  | I <sub>F</sub> | I <sub>R</sub> |                |
|-----------------------|----------------|----------------|----------------|-----|----------------|----------------|-----|----------------|-----|----------------|----------------|----------------|
|                       |                |                | Typ            | Min |                | Typ            | Max | Typ            | Typ |                | Max            | V <sub>R</sub> |
| LN277RPX              | Red            | Red Diffused   | 1.5            | 0.5 | 15             | 2.2            | 2.8 | 700            | 100 | 20             | 5              | 4              |
| LN377GPX              | Green          | Green Diffused | 5.0            | 2.0 | 20             | 2.2            | 2.8 | 565            | 30  | 20             | 10             | 4              |
| LN477YPX              | Amber          | Amber Diffused | 10.0           | 3.5 | 20             | 2.2            | 2.8 | 590            | 30  | 20             | 10             | 4              |
| LN877RPX              | Orange         | Red Diffused   | 5.0            | 2.0 | 20             | 2.1            | 2.8 | 630            | 40  | 20             | 10             | 3              |
| Unit                  | —              | —              | mcd            | mcd | mA             | V              | V   | nm             | nm  | mA             | μA             | V              |

