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NTE30126 Super Bright LED Indicator Ultra Bright Pink, 5mm

Features:

- Low Power Consumption
- High Efficiency
- Versatile Mounting on P.C. Board or Panel
- Low Current Requirement
- Reliable and Robust

Applications:

- TV Sets
- Monitor
- Telephone
- Computer
- Circuit Board

Absolute Maximum Ratings: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

| | |
|---|-------------------------------------|
| Power Dissipation, P_D | 70mW |
| Peak Forward Current (1/10th Duty Cycle, 0.1ms Pulse Width), I_{FM} | 20mA |
| Continuous Forward Current, I_F | 30mA |
| Reverse Voltage, V_R | 5V |
| Operating Temperature Range, T_{opr} | -40° to $+85^\circ\text{C}$ |
| Storage Temperature Range, T_{stg} | -40° to $+100^\circ\text{C}$ |
| Lead Temperature (During Soldering, 3mm from Body, 5sec Max), T_L | $+260^\circ\text{C}$ |

Electrical Optical Characteristics: ($T_A = +25^\circ\text{C}$ unless otherwise specified)

| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit | |
|------------------------------|------------------|---------------------|-----|------|-----|---------------|----|
| Luminous Intensity | I_V | $I_F = 20\text{mA}$ | | 2500 | - | mcd | |
| View Angle of Half Power | $2 \theta_{1/2}$ | $I_F = 20\text{mA}$ | - | 35 | - | deg | |
| Dominant Emission Wavelength | λ_d | $I_F = 20\text{mA}$ | X | 0.31 | - | 0.39 | nm |
| | | | Y | 0.19 | - | 0.27 | nm |
| Forward Voltage | V_F | $I_F = 20\text{mA}$ | 3.0 | 3.45 | 3.8 | V | |
| Reverse Current | I_R | $V_R = 5\text{V}$ | - | - | 10 | μA | |

- Note 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- Note 2. $\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- Note 3. The dominant wavelength (λ_d) is derived from the CIE chromaticity diagram and represents the single wavelength, which defines the color of the device.

