



ELECTRONICS, INC.
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NTE30125 Super Bright LED Indicator Super Bright Pink, 3mm

Features:

- High Intensity
- Normal T-1 (3mm) Diameter Package
- General Purpose Leads
- Reliable and Rugged

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

Power Dissipation, P_D 80mW
 Peak Forward Current (1/10th Duty Cycle, 0.1ms Pulse Width), I_{FM} 100mA
 Continuous Forward Current, I_F 25mA
 Derate Linearly From $+30^\circ\text{C}$ 0.8mA/ $^\circ\text{C}$
 Reverse Voltage, V_R 5V
 Operating Temperature Range, T_{opr} -20° to $+80^\circ\text{C}$
 Storage Temperature Range, T_{stg} -30° to $+80^\circ\text{C}$
 Lead Temperature (During Soldering, 1.6mm 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	$I_F = 20\text{mA}$	700	-	1000	mcd
View Angle of Half Power	$2 \theta_{1/2}$		25	30	35	deg
Chromatality Coordinate	X	$I_F = 20\text{mA}$	0.28	0.30	0.32	
Chromatality Coordinate	Y	$I_F = 20\text{mA}$	0.28	0.30	0.32	
Forward Voltage	V_F	$I_F = 20\text{mA}$	3.0	3.3	3.6	V
Reverse Current	I_R	$V_R = 5\text{V}$	-	-	10	μA

