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## NTE30123 8mm LED Indicator UVA/Purple, Clear Lens

**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, $P_D$ .....	100mW
Peak Forward Current (1/10th Duty Cycle, 0.1ms Pulse Width), $I_{FM}$ .....	100mA
Continuous Forward Current, $I_F$ .....	25mA
Derating Linear from $+30^\circ\text{C}$ .....	0.8mA/ $^\circ\text{C}$
Reverse Voltage, $V_R$ .....	5V
Operating Temperature Range, $T_{opr}$ .....	$-20^\circ$ to $+80^\circ\text{C}$
Storage Temperature Range, $T_{stg}$ .....	$-30^\circ$ to $+100^\circ\text{C}$
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	$I_V$	$I_F = 20\text{mA}$	150	-	200	mcd
View Angle of Half Power	$2 \theta_{1/2}$		-	30	-	deg
Peak Emission Wavelength	$\lambda_p$		390	395	400	nm
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	3.2	-	3.6	V

Rev. 3-21



