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NTE30128 LED Indicator, Ultraviolet 5mm (T-1 3/4) Package Type

Features:

- Round Head with Flange
- Water Clear Lens

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

Power Dissipation, P_D	100mW
Forward Current, I_F	
Continuous	30mA
Peak (Note 1)	100mA
Derate Linear from $+30^{\circ}\text{C}$	$0.8\text{mA}/^{\circ}\text{C}$
Reverse Voltage, V_R	5V
Operating Temperature Range, T_{opr}	-20° to $+80^{\circ}\text{C}$
Storage Temperature Range, T_{stg}	-30° to $+100^{\circ}\text{C}$
Lead Temperature (During Soldering, 3mm from case, 5sec max), T_L	$+260^{\circ}\text{C}$

Note 1. Duty Ratio $\leq 1\%$, Pulse Width $\leq 100\mu\text{s}$

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F = 20\text{mA}$	3.0	–	3.6	V
Luminous Intensity	I_V	$I_F = 20\text{mA}$, Note 1	50	–	60	mcd
Peak Emission Wavelength	λ_P		390	395	395	nm
View Angle	θ	Note 2	–	30	–	deg

Note 1. Duty Ratio $\leq 1\%$, Pulse Width $\leq 100\mu\text{s}$

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