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## NTE3111 Red Bar Graph Display

**Absolute Maximum Ratings:**

Power Dissipation ( $T_A = +25^\circ\text{C}$ ) ..... 0.1W  
 Continuous Forward Current (Per Segment),  $I_F$  ..... 15mA  
 Reverse Voltage (Per Segment),  $V_R$  ..... 3V  
 Operating Temperature Range,  $T_{opr}$  .....  $-20^\circ$  to  $+60^\circ\text{C}$   
 Storage Temperature Range,  $T_{stg}$  .....  $-20^\circ$  to  $+60^\circ\text{C}$

**Recommended Operating Conditions:**

Continuous Forward Current (Per Segment),  $I_F$  ..... 3mA to 10mA

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Peak Wave Length			-	700	-	nm
Forward Voltage	$V_F$		-	1.9	-	V
Continuous Forward Current	$I_F$		-	5	-	mA
Luminous Intensity	L		-	150	-	$\mu\text{cd}$
Reverse Current	$I_R$	$V_R = 3V$	-	-	10	$\mu\text{A}$

