



ELECTRONICS, INC.  
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## NTE3113 & NTE3114 Bar Graph Display

**Features:**

- Colors:  
     NTE3113 (Red)  
     NTE3114 (Green)

**Absolute Maximum Ratings:**

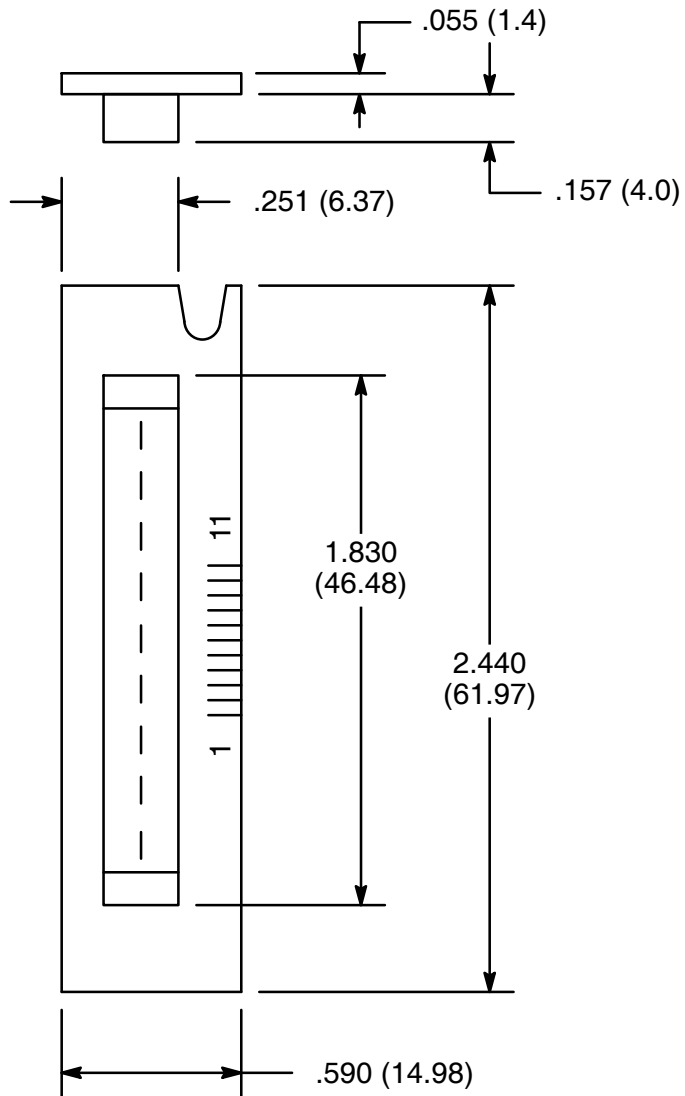
Power Dissipation ( $T_A = +25^\circ\text{C}$ ) ..... 0.3W  
 Continuous Forward Current (Per Segment),  $I_F$   
     NTE3113 ..... 15mA  
     NTE3114 ..... 20mA  
 Reverse Voltage (Per Segment),  $V_R$  ..... 3V  
 Operating Temperature Range,  $T_{opr}$  .....  $-20^\circ$  to  $+60^\circ\text{C}$   
 Storage Temperature Range,  $T_{stg}$  .....  $-20^\circ$  to  $+60^\circ\text{C}$

**Recommended Operating Conditions:**

Continuous Forward Current (Per Segment),  $I_F$   
     NTE3113 ..... 3mA to 10mA  
     NTE3114 ..... 10mA to 15mA

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Peak Wave Length NTE3113			-	700	-	nm
NTE3114			-	565	-	nm
Forward Voltage NTE3113	$V_F$		-	1.9	-	V
NTE3114			-	2.05	-	V
Continuous Forward Current NTE3113	$I_F$		-	5	-	mA
NTE3115			-	15	-	mA
Luminous Intensity NTE3113	L		-	150	-	$\mu\text{cd}$
NTE3114			-	300	-	$\mu\text{cd}$
Reverse Current	$I_R$	$V_R = 3\text{V}$	-	-	10	$\mu\text{A}$



**Pin Output**

- 1 Common Anode
- 2 D1 Cathode
- 3 D2 Cathode
- 4 D3 Cathode
- 5 D4 Cathode
- 6 D5 Cathode
- 7 D6 Cathode
- 8 D7 Cathode
- 9 D8 Cathode
- 10 D9 Cathode
- 11 Common Anode