



ELECTRONICS, INC.
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NTE3113 & NTE3114 Bar Graph Display

Features:

- Colors:
 NTE3113 (Red)
 NTE3114 (Green)

Absolute Maximum Ratings:

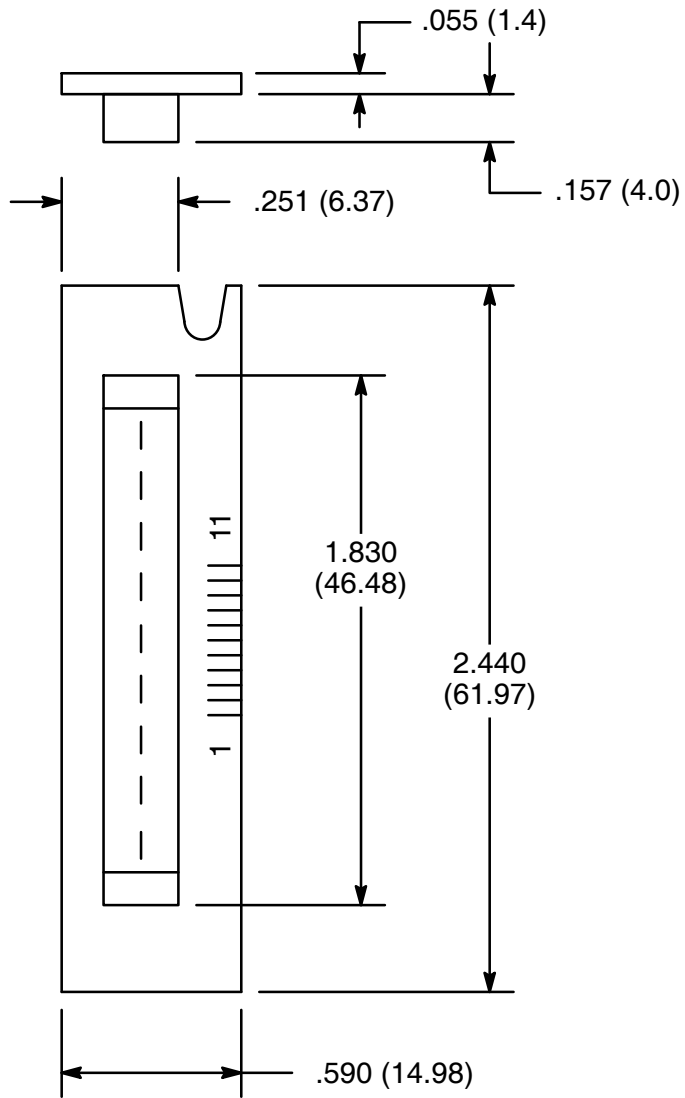
Power Dissipation ($T_A = +25^\circ\text{C}$)	0.3W
Continuous Forward Current (Per Segment), I_F	
NTE3113	15mA
NTE3114	20mA
Reverse Voltage (Per Segment), V_R	3V
Operating Temperature Range, T_{opr}	-20° to $+60^\circ\text{C}$
Storage Temperature Range, T_{stg}	-20° to $+60^\circ\text{C}$

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
NTE3114			-	15	-	mA
Luminous Intensity						
NTE3113	L		-	150	-	μcd
NTE3114			-	300	-	μcd
Reverse Current	I_R	$V_R = 3V$	-	-	10	μA



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