



ELECTRONICS, INC.
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NTE3113 & NTE3114 Bar Graph Display

Features:

- Colors:
NTE3113 (Red)
NTE3114 (Green)

Absolute Maximum Ratings:

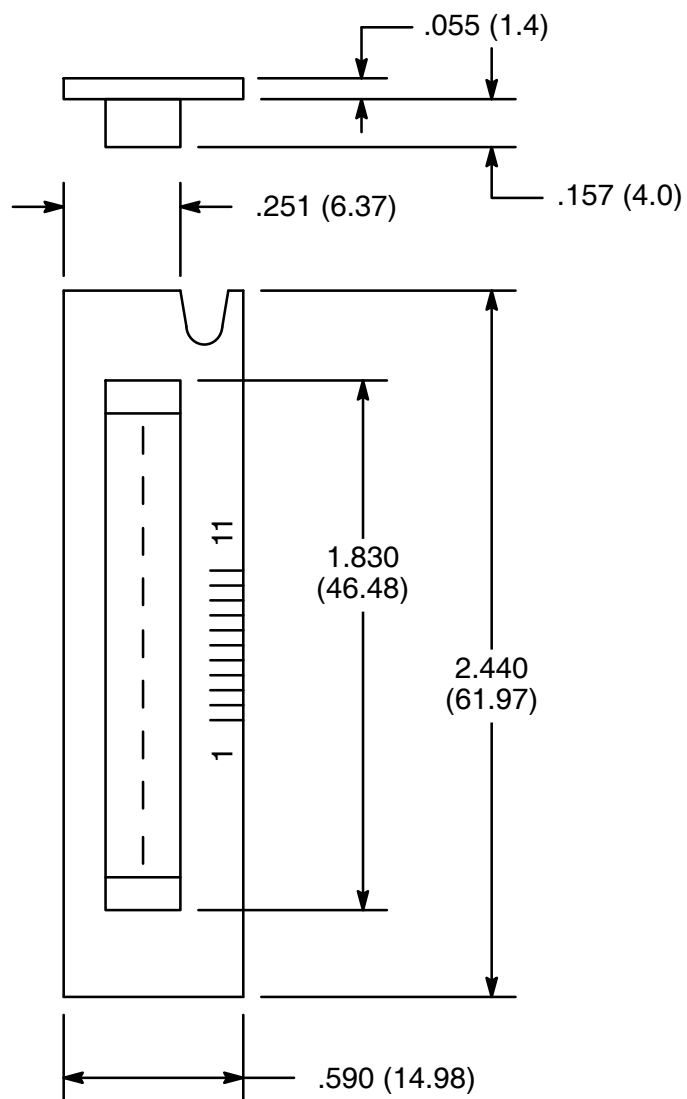
Power Dissipation ($T_A = +25^\circ\text{C}$)	0.3W
Continuous Forward Current (Per Segment), I_F	
NTE3113	15mA
NTE3114	20mA
Reverse Voltage (Per Segment), V_R	3V
Operating Temperature Range, T_{opr}	-20° to $+60^\circ\text{C}$
Storage Temperature Range, T_{stg}	-20° to $+60^\circ\text{C}$

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
NTE3115			–	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