



ELECTRONICS, INC.
 44 FARRAND STREET
 BLOOMFIELD, NJ 07003
 (973) 748-5089
<http://www.nteinc.com>

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 $+60^\circ\text{C}$

www.DataSheet4U.com

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	$V_R = 3\text{V}$	-	-	10	μA

