



**ELECTRONICS, INC.**  
 44 FARRAND STREET  
 BLOOMFIELD, NJ 07003  
 (973) 748-5089

## NTE110A Germanium Diode General Purpose

**Features:**

- Low Forward Voltage Drop
- Low Power Consumption
- Very Low Noise Level

**Absolute Maximum Ratings:** ( $T_A = +25^\circ\text{C}$  unless otherwise specified)

Peak Reverse Voltage,  $P_{RV}$  ..... 30V  
 Peak Forward Current,  $I_F$  ..... 150mA  
 Average Power Dissipation,  $P_D$  ..... 80mW  
 Operating Temperature Range,  $T_{opr}$  .....  $-65^\circ$  to  $+85^\circ\text{C}$

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Peak Reverse Voltage	$P_{RV}$	1mA	30	–	–	V
Inverse Current	$I_r$	10V	–	–	65	$\mu\text{A}$
Forward Voltage	$V_f$	5mA	–	–	1.0	V

