

## 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

