



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

NTE577 Silicon Diode General Purpose, Fast Recovery Switch

Electrical Characteristics:

| | |
|------------------------------------------------------------------------------------------------------|------------------|
| Maximum Peak Reverse Voltage, P_{RV} | 1000V |
| Maximum Average Rectified Current ($T_A = +50^\circ$, half-wave, resistive load 60Hz), I_O | 5A |
| Maximum Forward Peak Surge Current (8.3ms superimposed), I_{FSM} | 200A |
| Maximum Reverse Current ($T_A = +25^\circ\text{C}$, $P_{RV} = 1000\text{V}$), I_R | 10 μA |
| Maximum Forward Voltage ($T_A = +25^\circ\text{C}$, $I_F = 5\text{A}$), V_{FM} | 1.7V |
| Maximum Reverse Recovery Time, t_{rr} | 70ns |
| Operating Temperature Range, T_{opr} | -65° to +150°C |
| Storage Temperature Range, T_{stg} | -65° to +150°C |

