



SYNSEMI SEMICONDUCTOR

1N4447 - DO-35 Axial-leaded Package
1N4447M - DO-34 Axial-leaded Package
LL4447 - LL-34 Surface Mount Package

Device Electrical Characteristics (TA = 25°C unless otherwise noted.)

| Symbol | Parameter | Test Condition | Limits | | Unit |
|-----------------------|-------------------------|----------------------------|--------|-----|-------|
| | | | Min | Max | |
| B_V | Breakdown Voltage | I _R =5.0μA | 75 | --- | Volts |
| | | I _R =100μA | 100 | --- | |
| I_R | Reverse Leakage Current | V _R =20V | --- | 25 | nA |
| V_F | Forward Voltage | I _F =20mA | --- | 1.0 | Volts |
| T_{RR} | Reverse Recovery Time | V _R =6.0V | --- | 4 | nS |
| | | I _F =10mA | | | |
| | | I _{RR} =1.0mA | | | |
| | | R _L =100Ω | | | |
| C | Capacitance | V _R =0V, f=1MHz | --- | 2 | pF |