



ELECTRONICS, INC.  
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## NTE508, NTE509, NTE510, NTE514 High Voltage Silicon Rectifiers for Vacuum Tube Replacement

**Absolute Maximum Ratings:**

Peak Inverse Voltage, $P_{RV}$ .....	45,000V
Average Forward Current, $I_F$ .....	5mA
Peak Repetitive Forward Current, $I_{FRM}$ .....	110mA
Forward Voltage Drop ( $I_F = 5mA$ ), $V_F$ .....	50V

**NTE Type No.**

**Replaces the Following Tube Types:**

NTE508	3A3, 3AW3, 3B2, 3CA3, 3CN3, 3CV3, 3CZ3, 2CN3, 1B3, 1G3, 1K3, 1J3
NTE509	3AT2, 3AW2, 3BL2, 3BM2, 3BN2
NTE510	3CY3, 3DB3, 3DJ3 and 3DC3
NTE514	3DR3, 3DS3

Note 1. When replacement is made, the routine high voltage output test should be performed and adjustment made if necessary.



