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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. **NTE508, NTE510 & NTE514** are **discontinued** devices and **no longer available**.

Note 2. When replacement is made, the routine high voltage output test should be performed and adjustment made if necessary.

