



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.



