



PSVANE

6550

6550A

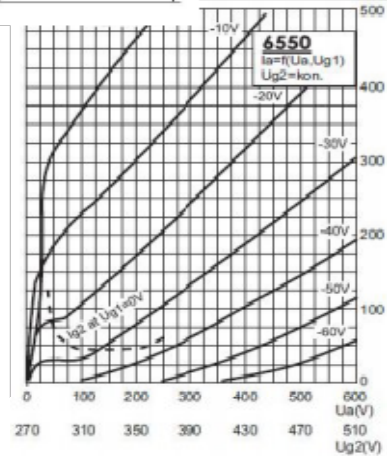
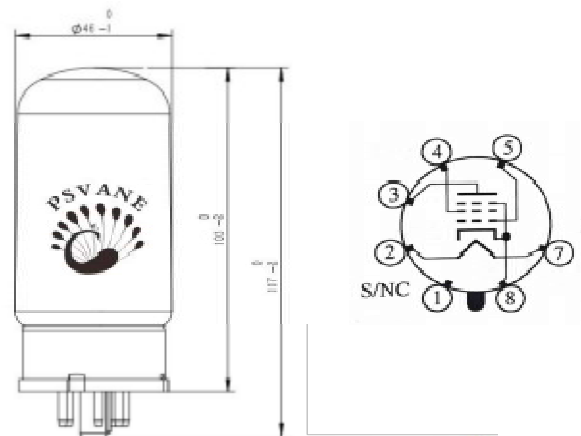
6550 is a barrel-type glass envelope beam power pentode with fat octal tube base, indential to features of 6550A except appearance.

Inter-electrode Capacitance

| | |
|------------------------|--------|
| Grid-Anode/G1-P | 0.8 pF |
| Input/G1-(H+K+G2+B.P.) | 15 pF |
| Output/P-(H+K+G2+B.P.) | 0.4 pF |

Maximum Rating

| | Beam Power | Triode Connector |
|----------------------------------|---------------|------------------|
| Anode Voltage | 660 V | 500 |
| Screen Grid Voltage | 440 V | |
| Grid Voltage | V | 0~300 |
| Anode Dissipation | 42 W | 42 |
| Screen Grid Dissipation(average) | 6 W | |
| Screen Grid Dissipation(peak) | 10 W | |
| Cathode Current | 190 mA | 190 |
| Heater-Cathode Voltage | 300 V | 300 |
| Glass envelope temperature | 250 °C | 250 |
| Resistor for Grid Circuit | 0.05 MΩ | 0.2 |
| | (self-biased) | (fixed bias) |



Typical Operation Feature

Class A1 single-ended amplification(single tube)

| | | |
|---------------------------------|--------|-------|
| Anode Voltage | 250 V | 400 |
| Grid Voltage | -14 V | -16.5 |
| Peak AF Grid Voltage | 14 V | 16.5 |
| Zero-Signal Anode Current | 140 mA | 87 |
| Max.-Signal Anode Current | 150 mA | 105 |
| Zero-Signal Screen Grid Current | 12 mA | 4 |
| Max.-Signal Screen Grid Current | 22 mA | 14 |
| Load Resistance | 1500 Ω | 3000 |
| Total Harmonic Distortion | 7 % | 13.5 |
| Max.-Signal Output Power | 12.5 W | 20 |

