

Триод 6С33С-В

The 6S33S-V is a power triode designed for use as a series voltage regulator. The 6S33S-V has very high perveance and very high transconductance. It has high current capabilities, making it suitable for Output Transformerless audio power amplifiers.

General Data

Heater Characteristics

Heater voltage.....6.3 or 12.6 ac or dc
Heater current.....6.4 or 3.3 amps

Direct Interelectrode Capacitances

Input.....30.0 pf
Output.....10.5 pf
Transfer.....31.0 pf

Mechanical Data

Mounting position.....Vertical
Overall length.....5.25" (max)
Seated height.....4.75" (max)
Diameter.....2.5" (avg)
Base.....Septar

Pin Arrangement

Pin 1...Heater
Pin 2...Heater
Pin 3...Cathode
Pin 4...Anode (thick)
Pin 5...Grid 1
Pin 6...Heater
Pin 7...Heater

Absolute Maximum Ratings

Anode voltage.....600 V (if tube isn't heated)
 400 V (if $P_a < 30$ Watts)
 250 V (if $P_a > 30$ Watts)
Anode dissipation.....60 watts
Cathode current.....630 milliamps
Heater to cathode.....+-300 volts
Maximum grid 1 resistance.....200,000 ohms

Typical Characteristics for using in voltage series regulators

Anode voltage.....120
Cathode resistor.....35 ohms
Anode current.....550 milliamps
Transconductance(G_m).....40000 micromhos
Anode resistance.....65-80 ohms

