

Beam Tetrode

- **EL34-B**
- **KT66**
- **KT88-98 (KT88)**
- **5881A (5881)**
- **6L6GCR (6L6G)**
- **6P3P**

Shuguang Vacuum Tube EL34 Series

Tetrode: EL34-B

DESCRIPTION

Plate power dissipation of EL34-B can reach 30W, whereas EL34A is 25W. EL34-B belongs to tetrode tube compared to pentode tube of EL34A. g1 and g2 of EL34-B is not exactly aligned opposite to each other and it is used in linear power amplification.



SPECIFICATION

Filament Heating

UH.....6.3V

IH.....1.5A

Maximum Ratings

Plate voltage.....800V

Second grid voltage.....500V

First grid voltage.....-100V

plate power dissipation.....25W

Second grid power dissipation.....8W

Cathode current.....150mA

First grid resistance

For self-biasing.....0.7M Ω

For fixed-biasing.....0.5M Ω

Filament voltage between cathode.....100V

Temperature of glass

envelop.....250 $^{\circ}$ C

Capacitances

Input capacitance.....15.2pF

Output capacitance.....8.4pF

Muller capacitance.....1.1pF

First grid-heater capacitance.....1.0pF

Heater filament capacitance.....10pF

DC Parameters

Ua.....250V

Ug2.....250V

Ug3.....0V

-Ug1.....12.2V

Ia.....100mA

Gm.....11mA/V

ri.....15k Ω

ug1-g2.....11

