

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.....0.7MΩ
For fixed-biasing.....0.5MΩ
Filament voltage between cathode.....100V

Temperature of glass
envelop.....250°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.....15kΩ
ug1-g2.....11

