

Shuguang Vacuum Tube 12AU7

Compactron: 12AU7

Compatible with: 5814, 6189 and ECC82

DESCRIPTION

Medium gain, double triodes, three terminals, small 9 GT footpin, amplifying the voltage and providing driving power when working in amplifying circuit. 12AU7 is compatible with ECC82 and 6189, and they can be replaced each other.



SPECIFICATION

Filament Heating

UH..... 6.3(paralleling) 12.6(serial) V
 IH..... 300 150mA

Maximum Ratings(each triode)

For class A amplification

Plate voltage..... 300V
 Plate current.....20mA
 Grid voltage..... -50V
 Plate power dissipation..... 2.5W
 heater voltage between cathodes..... ±200V

Capacitance

Input capacitance.....1.6pF 1.6pF
 Output capacitance.....0.46pF 0.32pF
 Muller capacitance.....1.5pF 1.5pF

DC Parameters

Ua..... 100 250 V
 Ug..... 0 -8.5 V
 Ia..... 11.8 10.5 mA
 Gm..... 3.1 2.2 mA/V
 Rk..... 270 200Ω
 u 20 17
 Ri (approx.)..... 6.5 7.7 kΩ
 Ug (approx.) for Ia=10uA.....-11.8 -10.5V

