

Shuguang Vacuum Tube 12AT7

Compactron: 12AT7

Compatible with: GT-12AT7, 6201 and ECC81

DESCRIPTION

High gain, double triodes, three terminals, small 9 GT socket pin, amplifying the voltage and providing driving power when working in amplifying circuit. 12AT7 is compatible with ECC81, 6201 and GT-12AT7, and they can be replaced each other.



12AT7

SPECIFICATION

Filament Heating

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

Maximum Ratings(each triode)

For class A amplification

Plate voltage..... 330V
 Grid negative voltage..... -50V
 Grid positive voltage..... 0V
 Plate power dissipation..... 2.5W
 heater voltage between cathodes..... ±90V

Capacitance

Grid-Grid capacitance.....0.005pF
 Plate-plate capacitance.....0.4pF
 Grid-plate capacitance.....1.5pF
 Grid & cathode - filament capacitance.....2.2pF
 Plate & cathode - filament capacitance.....0.5pF
 Filament-cathode capacitance.....2.4pF
 Plate-cathode capacitance.....0.2pF
 Cathode & filament-grid capacitance.....1.8pF
 Plate & filament- grid capacitance.....4.6pF

DC Parameters

Ua..... 100 250 V
 Ug..... -5 -12 V
 Ia..... 3.7 10 mA
 Gm..... 4 5.5 mA/V
 Rk..... 270 200Ω
 u 60 60
 Ri..... 15 10.9 kΩ

