

## Shuguang Vacuum Tube 12AX7 Series

### **Compactron: 12AX7B (12AX7)**

*Compatible with: 12AX7A, 7025 and ECC83*

#### **DESCRIPTION**

High gain, small 9 GT, dual triodes, amplifying the voltage and providing driving power for amplification circuitry. 12AXB is improved version of 12AX7 and compatible with 12AX7A and ECC83 in function, electric parameters, and it is the superior in low noise.



**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..... 1.2W  
 heater voltage between cathodes..... ±180V

**Capacitance**

Input capacitance.....1.6pF 1.6pF  
 Output capacitance.....0.46pF 0.34pF  
 Muller capacitance.....1.7pF 1.7pF

**DC Parameters**

Ua..... 100 250 V  
 Ug..... -1 -2 V  
 Ia..... 0.5 1.2 mA  
 Gm..... 1.25 1.6 mA/V  
 Rk..... 270 200Ω  
  
 u ..... 100 100  
 Ri..... 80 62.5 kΩ

