

## Shuguang Vacuum Tube 572B

### Emitter Tube: 572B

#### DESCRIPTION

Direct heating cathode, high gain triode 572B can be used in wireless equipment for power amplification.



572B

**SPECIFICATION**

**Filament Heating**

U<sub>f</sub> .....6.3 V  
 I<sub>f</sub>.....4 A

**Maximum Ratings**

Plate voltage.....1250 V  
 Plate current (max. amplitude).....210 mA  
 Plate power dissipation.....125 W  
 Grid current.....50 mA

**Capacitance**

Input capacitance.....6pF  
 Output capacitance.....0.9pF

Muller capacitance.....5.9pF

**DC Parameters**

U<sub>a</sub>.....2000 V  
 -U<sub>g</sub>.....2 V  
 I<sub>a</sub>.....32 mA  
 u(when I<sub>a</sub>=20mA) .....190  
 R<sub>L</sub>.....7 k?  
 P<sub>out</sub>.....7 W

**Recommended Operating Condition** (suggested value)

Single tube class A amplification (single end)

U<sub>a</sub>.....750 V  
 U<sub>g</sub>.....30 V  
 I<sub>a</sub>(0).....130 mA  
 I<sub>a</sub>(max.sig).....210 mA  
 R<sub>L</sub>.....5 kΩ  
 P<sub>out</sub>(when D<sub>tot</sub>=5%).....40 W

Class AB amplifying

U<sub>a</sub>.....1000 V  
 U<sub>g</sub>.....20 V  
 I<sub>a</sub>(0).....75 mA  
 I<sub>a</sub>(max.sig).....300 mA  
 ü(g-g.pk).....195 V<sub>p-p</sub>  
 R<sub>L</sub>.....8 kΩ  
 P<sub>out</sub>(when D<sub>tot</sub>=5%).....150 W

