Particulars ::::: Beam power tube KT88's anticathode limit dissipation power is 42W. In audio frequency amplifier, if two tubes are used to drive AB1, the output power can reach 100W. At the same time, KT88 can also be used in electron firm press electrical route. KT88 is the same with CV5220、6550, and can be exchanged each other.:::

filament heating

UH………… 6.3 V

IH………… 1.6 A

limit rating

KT94 KT100 KT94 KT100

plate voltage……………… 800 800 800 800 V

second grid voltage………… 600 600 600 600 V

first grid voltage…………-200 -200 -200 -200 V

plate dissipation power………… 42 45 35 40 W

second grid dissipation

power…… 8 8 6 6 W

anticathode plus second grid dissipation

power…………………………………………………… 46

49 40 45 W

cathode current……………… 230 230 230 230 mA

heater voltage between cathodes………

200 200 250 250 V

temperature of glass crust……………

250 250 250 250 C

capacitance between poles

quadrode connect way Tridoes connect way

input capacitance……… 16 9.3 PF

output capacitance……… 12 17 PF

transroute capacitance……… 1.2 7.9 PF

static state parameter

quadrode connect way

Ua…………………250V

Ug2……………… 250V

a………………… 140mA

Ig2(approx)…… 3mA

-Ug1(approx)……15V

Gm………………… 12mA/V

ri …………………12KΩ

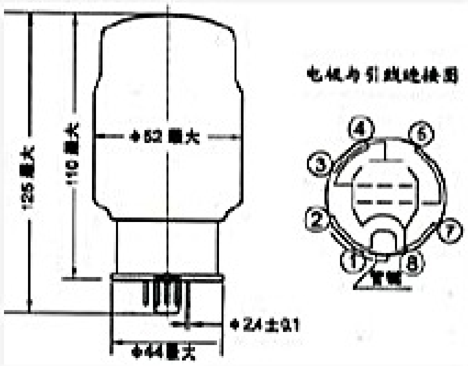
μg1-g2…………… 8Tridoes connect way

Ua.g2……………250V

Ia+g2……………143mA

-Ug1(approx)… 15V

Gm…………………12mA/V

ri…………………670Ω

μ………………… 8