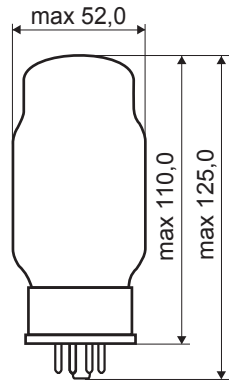
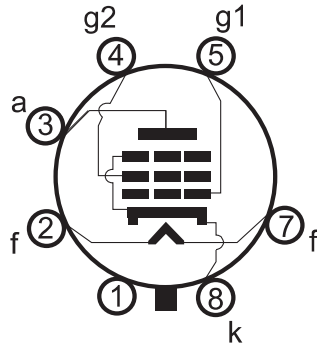


KT88

A. F. BEAM PENTODE



Base: OCTAL

$$U_f = 6,3 \text{ V}$$
$$I_f = 1,6 \text{ A}$$

Typical Characteristics:

$$U_a = 250 \text{ V}$$
$$U_{g2} = 250 \text{ V}$$
$$I_a = 140 \text{ mA}$$
$$I_{g2} = \text{max.} 7 \text{ mA}$$
$$U_{g1} = -15 \text{ V}$$
$$S = 11,5 \text{ mA/V}$$
$$R_i = 12 \text{ k}\Omega$$
$$\mu_{g1-g2} = 8$$

Triode Connected

$$U_{a,g2} = 250 \text{ V}$$
$$I_{a+g2} = 147 \text{ mA}$$
$$U_{g1} = -15 \text{ V}$$
$$S = 12 \text{ mA/V}$$
$$R_i = 670 \text{ }\Omega$$
$$\mu = 8$$

Limiting Values:

$$U_a = 800 \text{ V}$$
$$U_{g2} = 600 \text{ V}$$
$$U_{a,g2} = 600 \text{ V}$$
$$U_{g1} = -200 \text{ V}$$
$$W_a = 42 \text{ W}$$
$$W_{g2} = 8 \text{ W}$$
$$W_{a+g2} = 46 \text{ W}$$
$$I_k = 230 \text{ mA}$$
$$U_{k/f} = 250 \text{ V}$$

R_{g1-k} (cathode bias)

$$W_{a+g2} \leq 35 \text{ W} \quad 470 \text{ k}\Omega$$
$$W_{a+g2} > 35 \text{ W} \quad 270 \text{ k}\Omega$$

R_{g1-k} (fixed bias)

$$W_{a+g2} \leq 35 \text{ W} \quad 220 \text{ k}\Omega$$
$$W_{a+g2} > 35 \text{ W} \quad 100 \text{ k}\Omega$$

Capacitances:

$$C_{g1} = 16,5 \text{ pF}$$
$$C_a = 10 \text{ pF}$$
$$C_{g1-a} = 2,3 \text{ pF}$$



Red/Blue versions available

ULTRA - LINEAR CONNECTION - 40% TAPS

PLATE CHARACTERISTICS

