



# 12AU7 / ECC82

## Base Type: Noval

$U_f$  6.3 or 12.6 V

$I_f$  300 or 150 mA

## Typical Characteristics

$U_a$  250 V

$I_a$  10.5 mA

$U_g$  -8.5 V

$S$  2.2 mA/V

$\mu$  17

$R_i$  7.7 k $\Omega$

## Limiting Values

$U_a$  300 V

$W_a$  2.75 W

$I_k$  20 mA

$U_g$  -50 V

$U_{k/f}$  180 V

$R_g$  1 M $\Omega$

$R_{k/f}$  150 k $\Omega$

## Capacitances

system I.

system II.

$C_{g/k}$  1.9 1.9 pF

$C_a$  1.9 1.8 pF

$C_{g/a}$  1.63 1.63 pF

## As Phase Inverter:

$U_b$  250 350 V

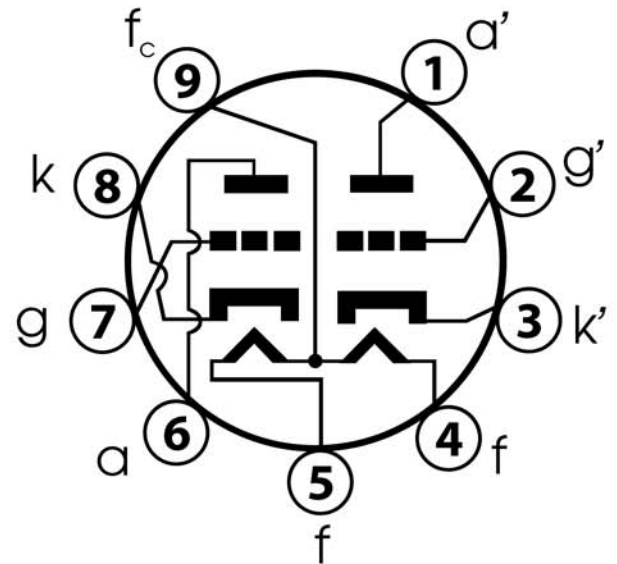
$I_a$  0.7 1.0 mA

$I_{a'}$  0.68 0.93 mA

$U_o/U_{g1}$  11 11

$U_o$  15 24 V<sub>RMS</sub>

$d_{tot}$  1 1%



TRANSFER CHARACTERISTICS

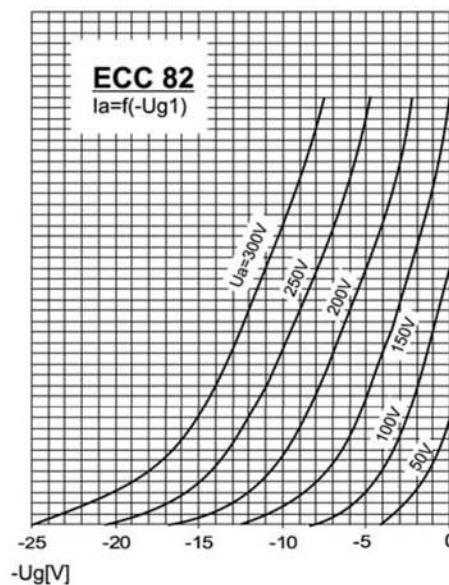


PLATE CHARACTERISTICS

