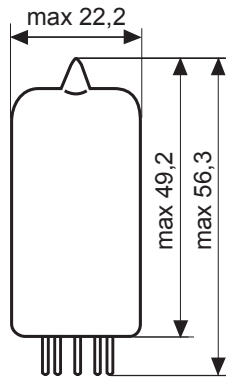
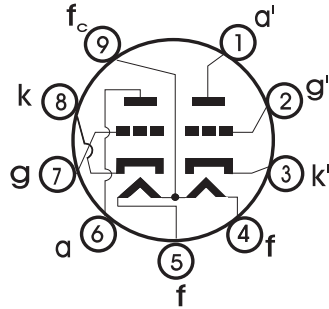


# ECC82

## 12AU7

### A. F. DOUBLE TRIODE



#### Base: NOVAL

$$U_f = 6,3/12,6 \text{ V}$$
$$I_f = 300/150 \text{ mA}$$

#### Typical Characteristics:

$$U_a = 250 \text{ V}$$
$$U_g = -8,5 \text{ V}$$
$$I_a = 10,5 \text{ mA}$$
$$S = 2,2 \text{ mA/V}$$
$$R_i = 7,7 \text{ k}\Omega$$
$$\mu = 17$$

#### Limiting Values:

$$U_a = 300 \text{ V}$$
$$W_a = 2,75 \text{ W}$$
$$I_k = 20 \text{ mA}$$
$$U_g = -50 \text{ V}$$
$$R_g = 1 \text{ M}\Omega$$
$$U_{k/f} = 180 \text{ V}$$
$$R_{k/f} = 150 \text{ k}\Omega$$

#### 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:

$$U_b = 250 \quad 350 \quad \text{V}$$
$$I_a = 0,7 \quad 1,0 \quad \text{mA}$$
$$I_{a'} = 0,68 \quad 0,93 \quad \text{mA}$$
$$U_o/U_{g1} = 11 \quad 11$$
$$U_o = 15 \quad 24 \quad \text{V}_{\text{RMS}}$$
$$d_{\text{tot}} = 1 \quad 1 \quad \%$$



TRANSFER CHARACTERISTICS

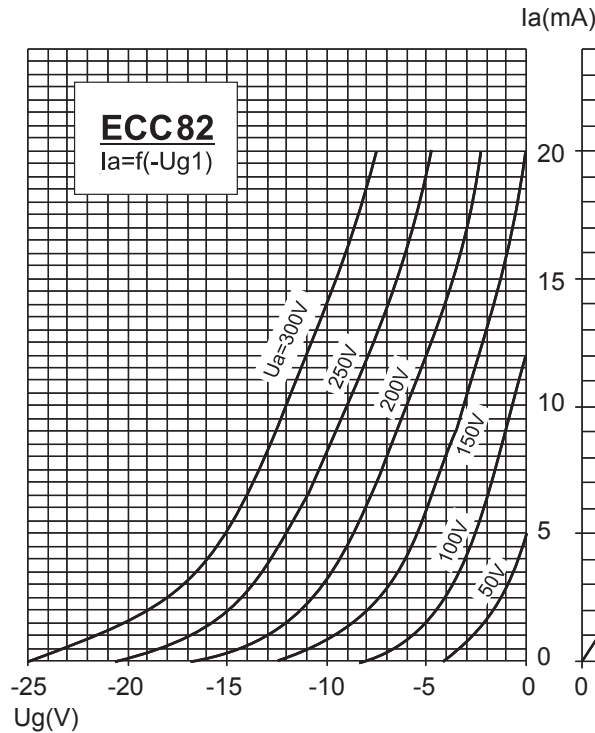


PLATE CHARACTERISTICS

