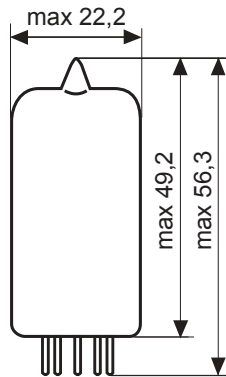
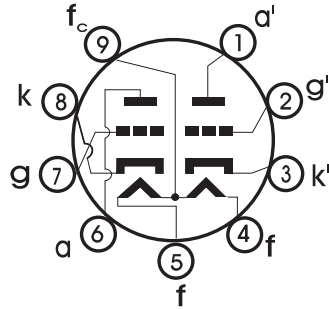


ECC82

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	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 _{RMS}
$d_{tot} =$	1	1	%



TRANSFER CHARACTERISTICS

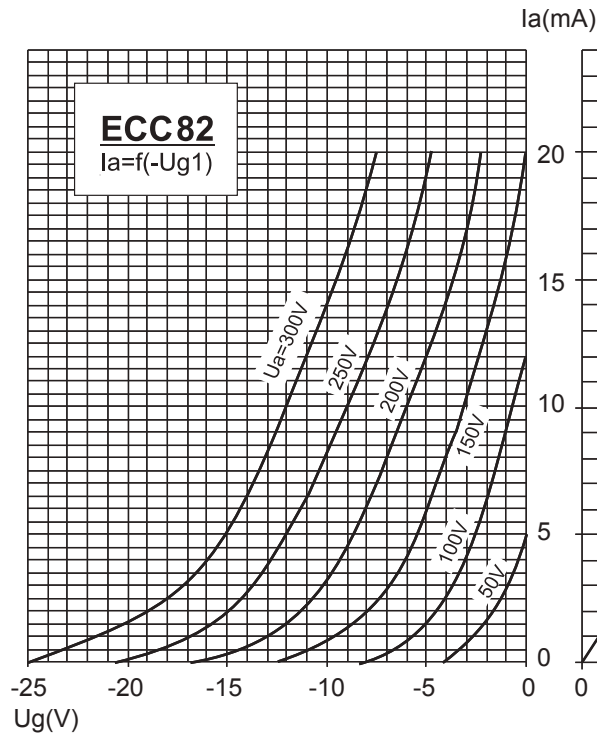


PLATE CHARACTERISTICS

