

ECC99

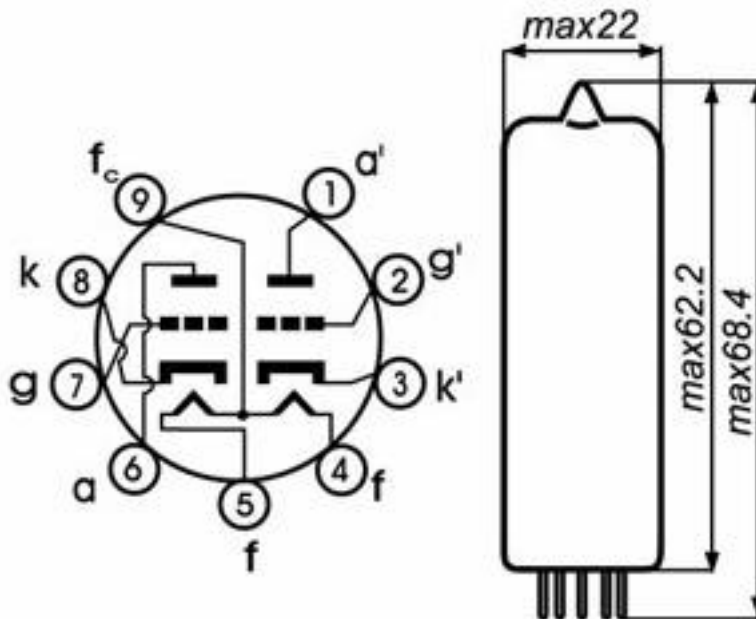
R.F. DOUBLE TRIODE

DIMENSIONS AND CONNECTIONS:

base: NOVAL

$U_f = 6,3 \text{ V}$ $12,6 \text{ V}$

$I_f = 800 \text{ mA}$ 400 mA



TYPICAL CHARACTERISTIC:

$U_a = 150 \text{ V}$
 $U_g = -4 \text{ V}$
 $I_a = 18 \text{ mA}$
 $S = 9,5 \text{ mA/V}$
 $R_1 = 2,3 \text{ k}\Omega$
 $\mu = 22$

LIMITING VALUES:

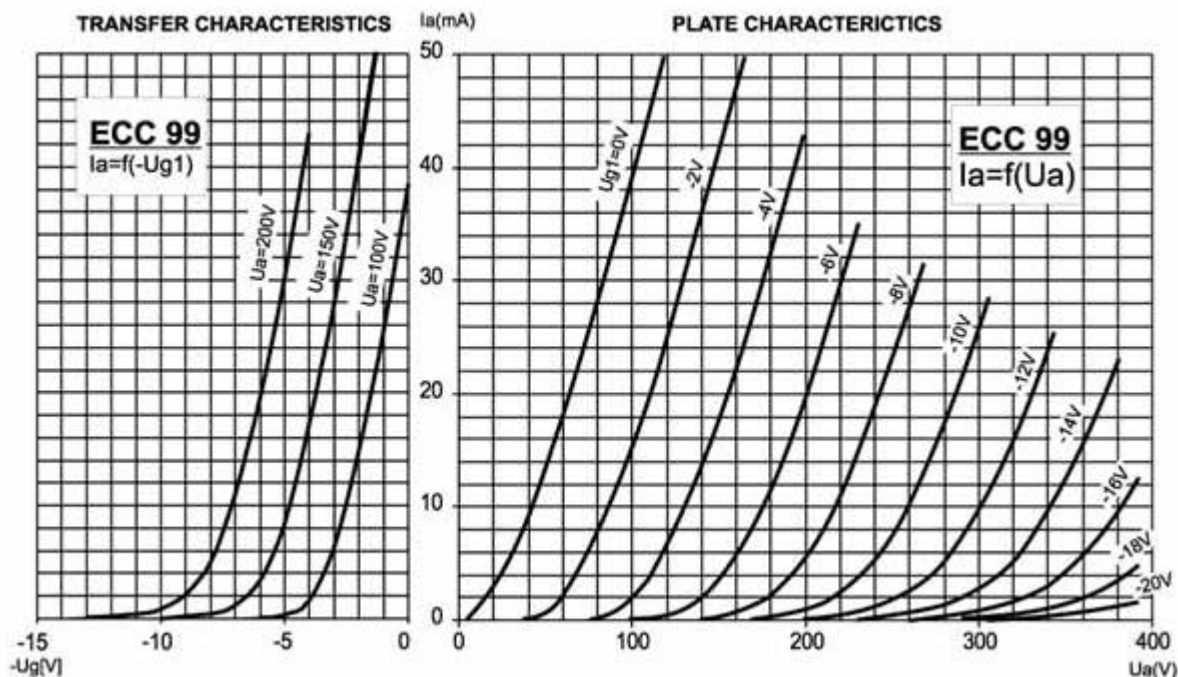
$U_a = 400 \text{ V}$
 $I_k = 60 \text{ mA}$
 $U_{f/k} = 200 \text{ mA}$
 $W_a = 5 \text{ W}$

RECOMMENDED USE:

Driver of power triodes such as 300B, 2A3 ..., output stage
 headphone amplifiers, CDs, power stage little P-P triode
 amplifiers in class A (10W-4xECC99) and parallel voltage power
 supplies. Can be used instead of 5687, E182CC, 6840, 6BL7.

CAPACITANCES:

	system I	system II
$C_{g/k}$	= 5,8	5,8 pF
C_a	= 0,91	0,81 pF
$C_{g/a}$	= 5,1	5,1 pF





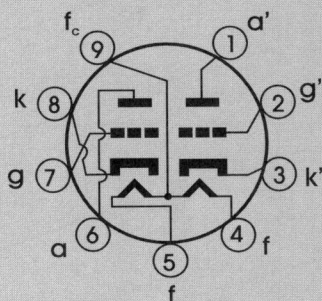
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R. F. DOUBLE TRIODE

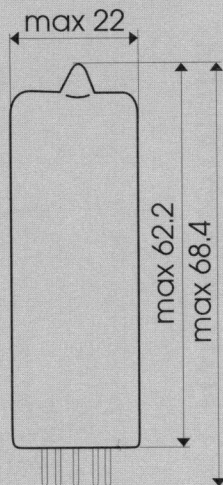
DIMENSION AND CONNECTIONS:



Base: NOVAL



$U_f = 6,3 \text{ or } 12,6 \text{ V}$
 $I_f = 800 \text{ mA or } 400 \text{ mA}$



TYPICAL CHARACTERISTIC:

$U_a = 150 \text{ V}$
 $U_g = -4 \text{ V}$
 $I_a = 18 \text{ mA}$

$S = 9,5 \text{ mA/V}$
 $R_i = 2,3 \text{ k}\Omega$
 $\mu = 22$

LIMITING VALUES:

$U_a = 400 \text{ V}$
 $I_k = 60 \text{ mA}$
 $U_{k/f} = 200 \text{ V}$

$W_a = 5 \text{ W}$

CAPACITANCES:

System I.

$C_{g/k} = 5,8 \text{ pF}$
 $C_a = 0,91 \text{ pF}$
 $C_{g/a} = 5,1 \text{ pF}$

System II.

$C_{g/k} = 5,8 \text{ pF}$
 $C_a = 0,81 \text{ pF}$
 $C_{g/a} = 5,1 \text{ pF}$

RECOMMENDED USE:

Driver of power triodes such as 300B, 2A3..., Output stage hed-
 phone amplifiers, preamplifiers, CDs, power stage little P-P triode
 amplifiers in class A (10W-4xECC99) and parallel voltage power
 supplies. Can be used instead of 5687, E182CC, 6840, 6BL7.

TRANSFER CHARACTERISTICS

ECC 99

$$I_a = f(-U_{g1})$$

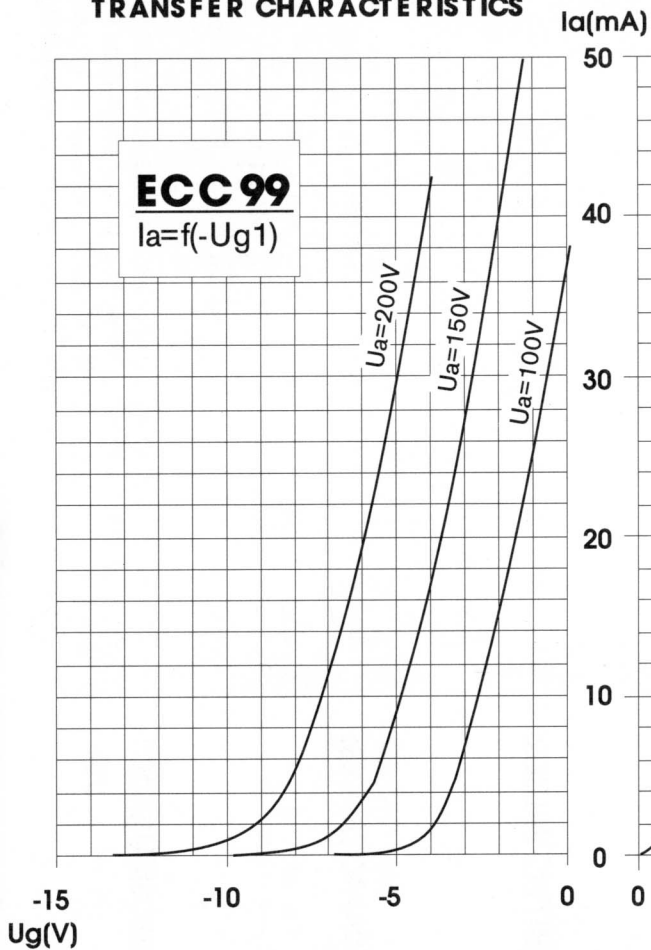


PLATE CHARACTERISTICS

ECC 99

$$I_a = f(U_a)$$

