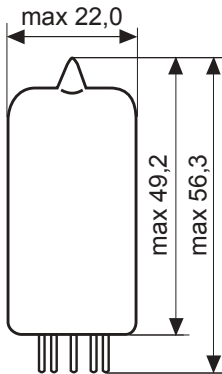
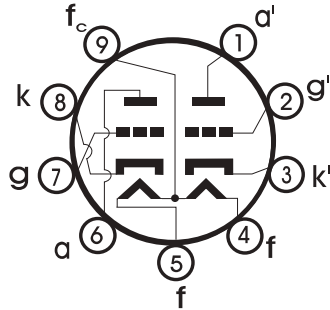


# ECC83S

12AX7, 7025

A. F. DOUBLE TRIODE



### Base: NOVAL

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

### Typical Characteristics:

$U_a = 250 \text{ V}$   
 $U_g = -2 \text{ V}$   
 $I_a = 1,2 \text{ mA}$   
 $S = 1,6 \text{ mA/V}$   
 $R_i = 62,5 \text{ k}\Omega$   
 $\mu = 100$

### Limiting Values:

$U_a = 300 \text{ V}$   
 $W_a = 1 \text{ W}$   
 $I_k = 8 \text{ mA}$   
 $U_g = -50 \text{ V}$   
 $R_g = 2,2 \text{ M}\Omega$   
 $U_{k/f} = 180 \text{ V}$   
 $R_{k/f} = 150 \text{ k}\Omega$

### Capacitances:

system I. system II.

$C_{g/k} = 1,6$	1,6	pF
$C_a = 0,33$	0,33	pF
$C_{g/a} = 1,7$	1,7	pF

### Operating Characteristics:

Resistance - coupled amplifier cathode grid bias

$U_b = 250$	400	250	400	250	400	V
$R_a = 47$	47	100	100	220	220	k $\Omega$
$R_g = 150$	150	330	330	680	680	k $\Omega$
$R_k = 1,2$	0,68	1,5	0,82	2,7	1,2	k $\Omega$
$I_a = 1,18$	2,45	0,86	1,72	0,48	1,02	mA



TRANSFER CHARACTERISTICS

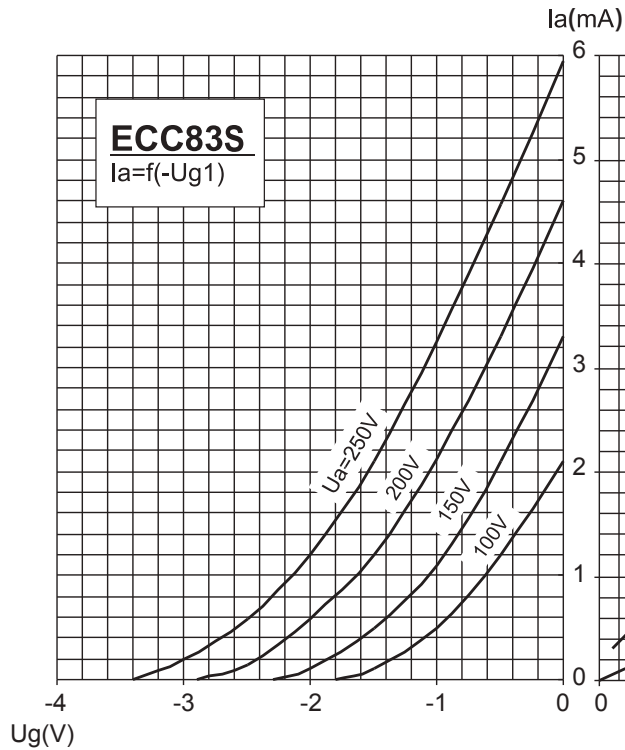


PLATE CHARACTERISTICS

