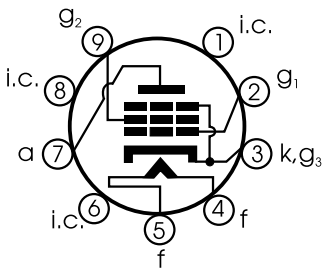
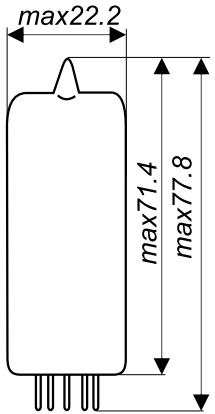
EL844

R. F. OTPUT PENTODE





Base: NOVAL

U_f = 6,3 V
I_f = 0,760mA

Typical characteristic:

U_a = 250 V
U_{g2} = 250 V
$-U_{g1}$ = 7,2 V
I_a = 10mA
I_{g2} = 1,5mA
S = 6,5mA/V
R_i = 0,1MΩ

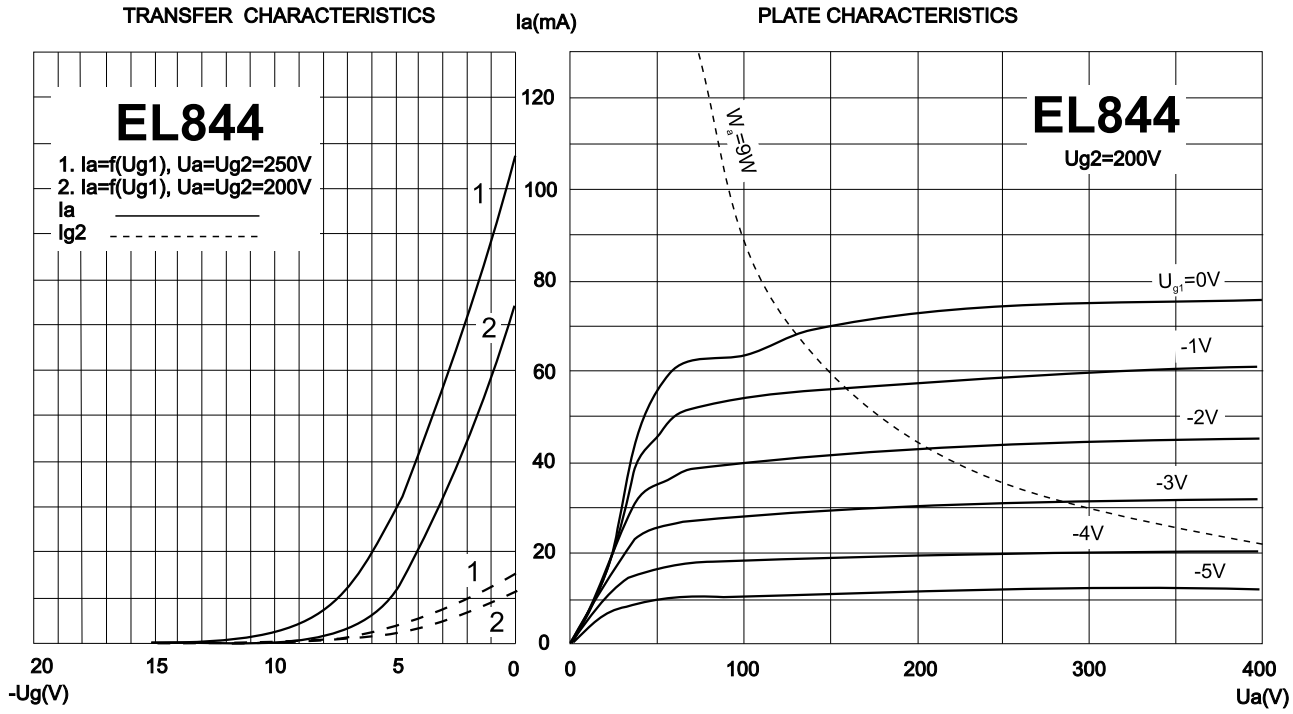
Limiting values:

U_a = 300 V
U_{g2} = 300 V
U_{g1} = -100 V
W_a = 9 W
W_{g2} = 2 W
I_k = 60mA
$U_{k/f}$ = 100 V
R_{g1} = 1MW for automatic bias
R_{g1} = 0,5MW for fixed bias

Capacitances:

c_a = 6,6 pF
c_{g1} = 10,8 pF
$c_{g1/a}$ = 0,1 pF
$c_{g1/f}$ = 0,15 pF




TRANSFER CHARACTERISTICS
Ia(mA)
EL844
1. Ia=f(Ug1), Ua=Ug2=250V
2. Ia=f(Ug1), Ua=Ug2=200V
Ia
Ig2
1
2
1
2
120
100
80
60
40
20
0
20
15
10
5
0
-Ug(V)
PLATE CHARACTERISTICS
EL844
Ug2=200V
Wa=9W
Ug1=0V
-1V
-2V
-3V
-4V
-5V
0
100
200
300
400
Ua(V)