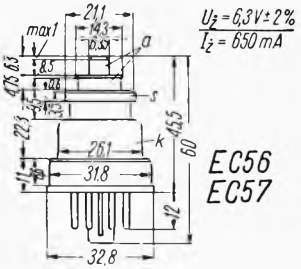
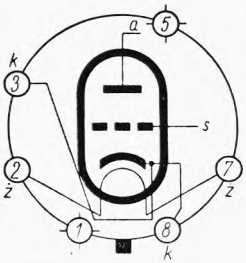
Trioda dyskowa

EC 57
Philips

Wzmacniacz UKF

Oktal





Wartości charakterystyczne

	(min)		(max)		
U_a	180	180	180	180	V
U_s	—1,8	—2,8	—4,0	—1,6	V
I_a	30	30	30	60	mA
S_a	15	19	—	21	mA/V
K_a	33	43	52	43	V/V

Wartości robocze
przedwzmacniacz
dla f = 4000 MHz

U_{ab}	200	V
U_{bs}	÷20	V
I_a	60	mA
Δf	50	MHz
P_{wyj}	1,8[1])	W
$P_{wyj\,min}$	1,5	W
$P_{k\,max}$	0,5	kΩ

[1]) k_p = 8 dB
$U_ż$ = 6,3 V

Wartości graniczne

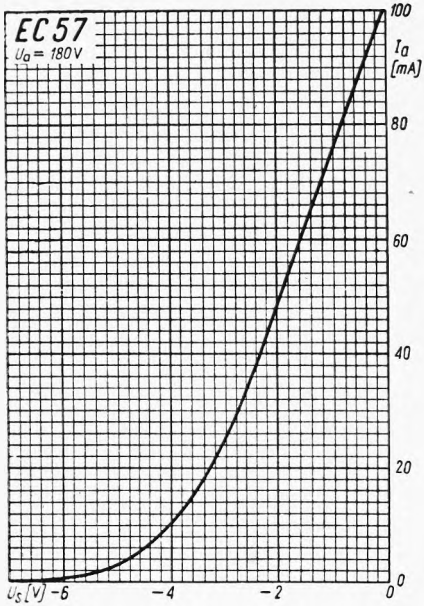
$U_{a0\,max}$	500[2])	V
$U_{a\,max}$	300	V
$P_{a\,max}$	10	W
P_{wej}	1[3])	W
$I_{k\,max}$	70	mA
$I_{s\,max}$	10	mA
$R_{s\,max}$	25	kΩ
$U_{-w/+k}$	50	V
$-U_{s\,max}$	50	V
$+U_{s\,max}$	0	V
$R_{w/k\,max}$	20	kΩ

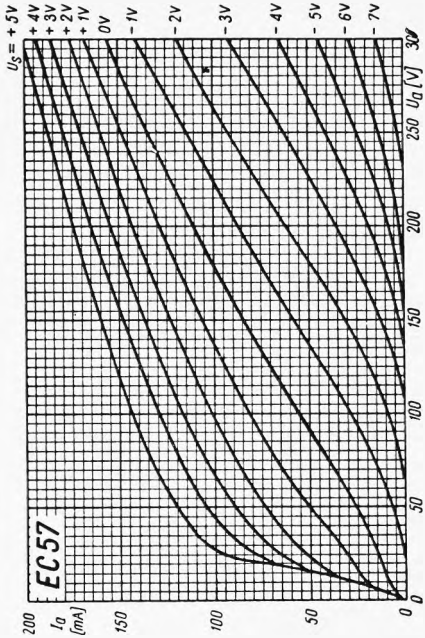
Pojemności

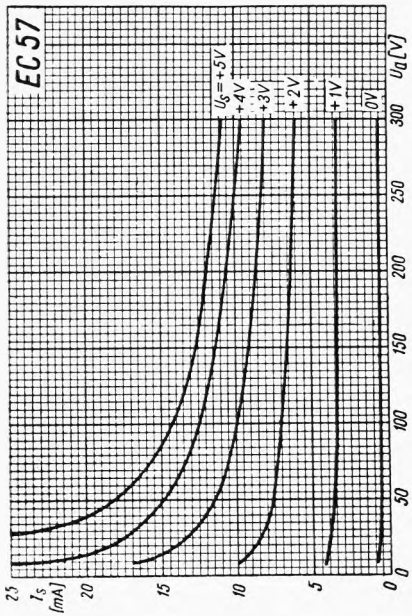
$C_{a/s}$	1,6	pF
$C_{a/k}$	0,04	pF
$C_{s/k}$	3,3	pF

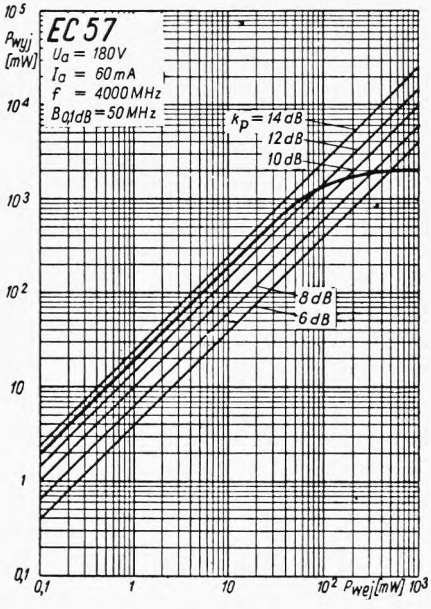
[2]) W stanie zimnym
[3]) f = 4000 MHz w układzie z uziemioną siatką

TYPY PODOBNE **EC 157**


EC 57
Ua = 180V
Ia [mA]
Us [V]
100
80
60
40
20
0
-6
-4
-2
0


EC 57
Us = +5V
+4V
+3V
+2V
+1V
0V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
Ia [mA]
Ua [V]
200
150
100
50
0
0
50
100
150
200
250
300


EC 57
Us = +5V
+4V
+3V
+2V
+1V
0V
Is [mA]
Ua [V]
25
20
15
10
5
0
0
50
100
150
200
250
300


EC 57
Ua = 180V
Ia = 60mA
f = 4000MHz
B0,1dB = 50MHz
kp = 14dB
12dB
10dB
8dB
6dB
Pwyj [mW]
Pwej [mW]
10^5
10^4
10^3
10^2
10
1
0,1
0,1
1
10
10^2
10^3