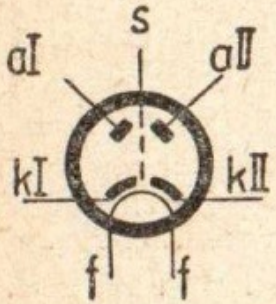
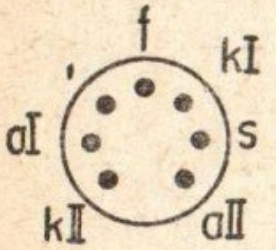
Type / Application	Dimensions / Base	Heating / Static data	Operational Data	Maximum Ratings

6B31 Size M 1
6B32





Twin diode with separate cathodes
AM, FM demodulator, ratio detector, full-wave rectifier

U_f	6,3	V
I_f	0,3	A
I_f	0,3	A
U_f	6,3	V

Indirect heating

U_a	4	V
I_a	>10	mA

6B31

Half-wave rectifier

$U_{a\,ef}$	150	V
R_o	300	Ω
I_{ss}	9	mA
I_{sp}	54	mA

Full-wave rectifier

$U_{a\,ef}$	2×150	V
R_o	2×300	Ω
C_N	8	µF
R_z	10	kΩ
I_{ss}	>17	mA

Capacitances

$C_{aI/kI+s+f}$	3,2	pF
$C_{aII/kII+s+f}$	3,2	pF
$C_{kI/aI+s+f}$	3,6	pF
$C_{kII/aII+s+f}$	3,6	pF
$C_{aI/aII}$	<0,05	pF

Each section

U_{inv}	420	V
I_{sp}	54	mA
I_{ss}	9	mA
W_a	0,5	W
$U_{k/f}$	300	V
$R_{k/f}$	20	kΩ
C_N	8	µF
R_o	>300	Ω