
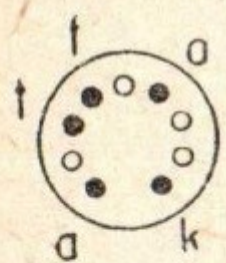


Type Application	Dimensions Base	Heating		Operational Data		Maximum Ratings	
		Static data					
6Y50	Size R 1	U_f	6,3 V	Half-wave rectifier		U_{inv}	3500 V
		I_f	1,65 A	$U_{a \sim ef}^{1)}$	1200 V	W_a	10 W
		t_f	1 min	I_{ss}	220 mA	I_{ss}	220 mA
		Indirect heating		U_{ss}	1350 V	I_{sp}	700 mA
				R_t	150 Ω	R_t	>150 Ω
		U_a	30 V	C_N	4 μF	$U_{k/f}$	50 V
		I_a	>200 mA	Full-wave rectifier		Capacitances	
				$U_{a \sim ef}^{1)}$	2x850 V	$C_{a/k}$	5 pF
				I_{ss}	400 mA		
				U_{ss}	800 V		
				R_t	2x150 Ω		
				C_N	4 μF		
				1) U_a must be connected after heating the cathode, otherwise U_{inv} must be reduced to 2000 V.			



HT diode
Half-wave rectifier
full-wave rectifier
(two tubes)