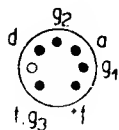
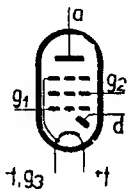


Type Application	Dimensions Base	Heating Static data	Operational Data				Maximum Ratings	
1AF33 1AF34	Size max Ø 19×49 mm	1AF33	AF resistance-coupled amplifier				Pentode	
		U_f 1,4 V I_f 25 mA Direct heating U_a 67,5 V U_{g2} 67,5 V U_{g1} -1 V I_a 1,4 mA I_{g2} <0,4 mA $S^{1)}$ >0,3 mA/V R_i 0,6 MΩ μ 300 I_d >0,1 mA U_d 3 V $^1) U_{g1} = -0,5$ V Capacitances C_{g1} 2,4 pF C_a 4,6 pF $C_{a/g1}$ <0,3 pF $C_{d/f}$ 1,5 pF 1AF34 U_f 1,2 V I_f 30 mA Direct heating	U_b 45 R_a 1 R_{g2} 3,3 R_{g1} 10 R_{g1}' 2,2 I_b 0,05 U_o/U_i 45 k 2 $U_{o\text{ef}}$ 5	67,5 1 3,3 10 2,2 0,075 60 3 5	90 V 1 MΩ 3,3 MΩ 10 MΩ 2,2 MΩ 0,1 mA 67 5 % 5 V	U_{a0} 250 V U_a 90 V U_{g20} 250 V U_{g2} 67,5 V U_{g1} 0 V I_k 4,5 mA R_{g1} 3 MΩ $R_{g1}^{1)}$ 22 MΩ U_f 1,6 V U_f >1,1 V		
			AF resistance-coupled amplifier triode connection				Diode	
			U_b 90 R_a 0,22 R_{g1} 10 R_{g1}' 0,68 U_b 0,25 U_o/U_i 11 k 1 $U_{o\text{ef}}$ 5	90 V 0,47 MΩ 10 MΩ 1,5 MΩ 0,13 mA 11,6 0,8 % 5 V	$^1) U_{g1}$ produced by R_{g1}			
			1AF34 U_f 1,4 V U_f >0,9 V					



Diode -
AF pentode,
AF amplifier,
AM demodulator