6FQ7 is A.F. Double Triode

Quick reference data

- Anode current I_a=10,5mA
- Transcoductance S=2,6mA/V
- Amplification μ=20

Heating

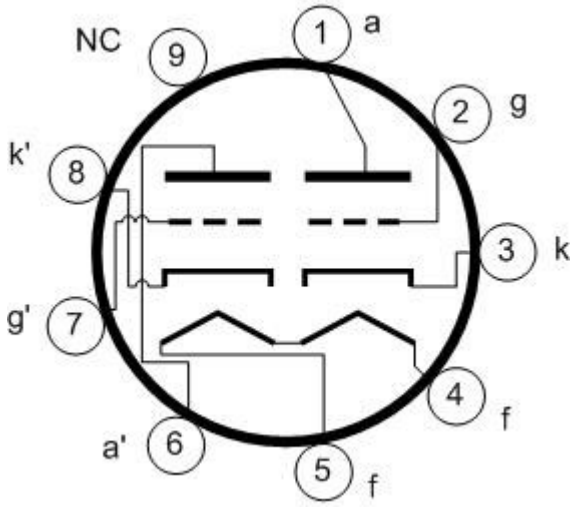
Indirect by AC or DC

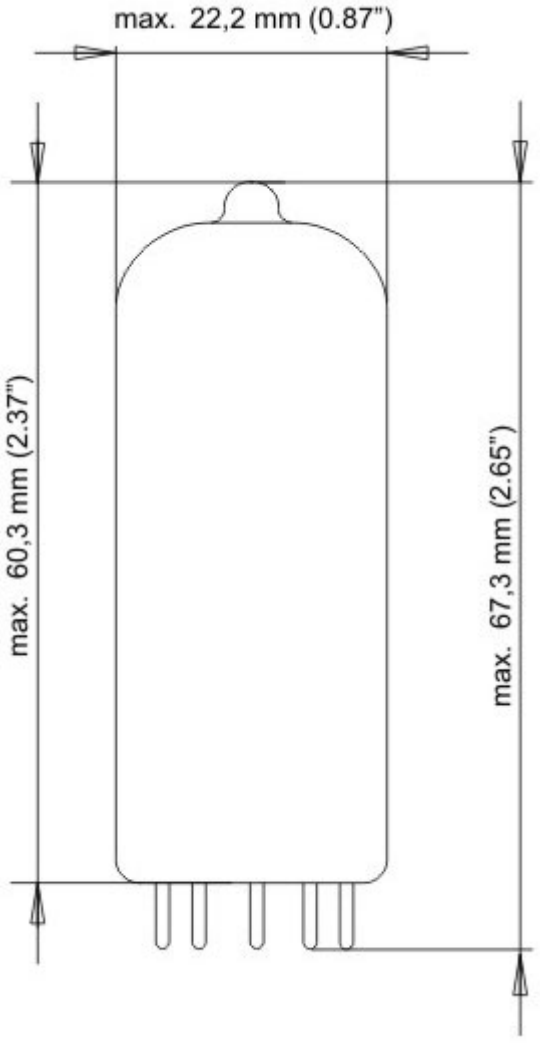
Heater voltage	V_f	6,3	(V)
Heater current	I_f	0,6	(A)

Telephone: +381 18 550 741
FAX: +381 18 550 806
Postal address: Bul. Sv. Cara Konstantina 80-86, 18000 Nis, Yugoslavia
Electronic mail: eirc@eierc.com
Web site: http://www.eierc.com/rc

Dimensions and connections

Base: Noval





Telephone: +381 18 550 741
FAX: +381 18 550 806
Postal address: Bul. Sv. Cara Konstantina 80-86, 18000 Nis, Yugoslavia
Electronic mail: eirc@eierc.com
Web site: http://www.eierc.com/rc

Typical characteristics and operating conditions (Class A amplifier)

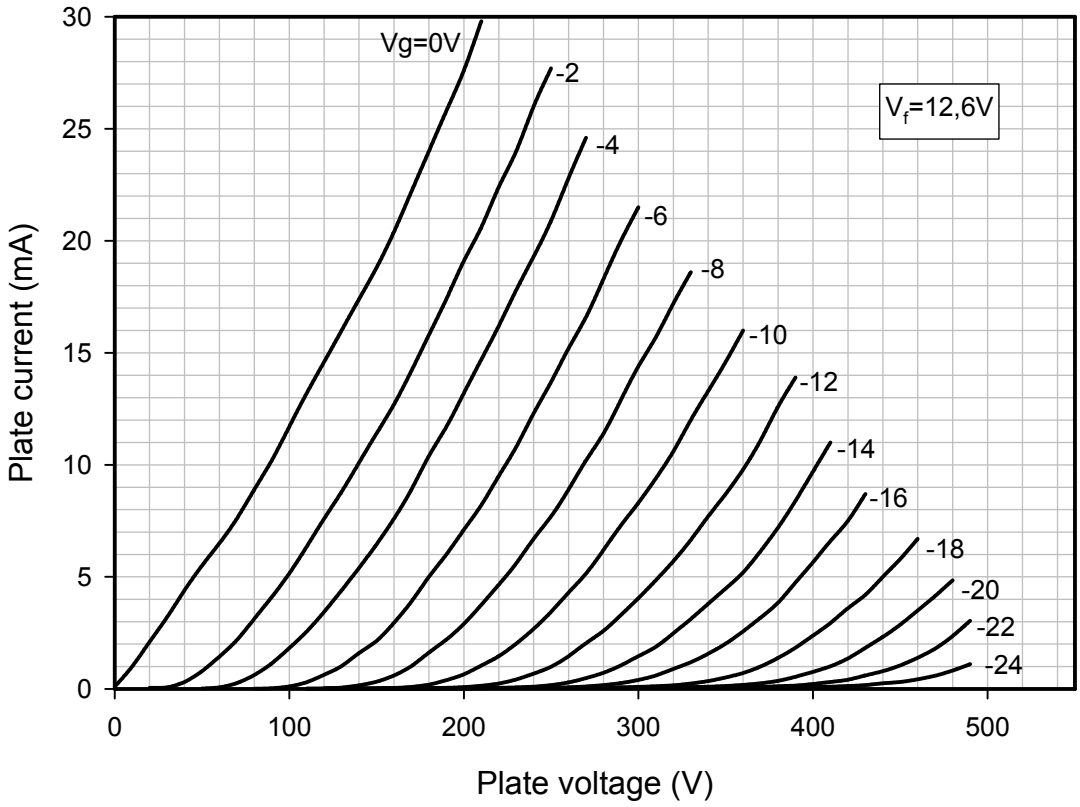
Anode voltage		V_a	90	250	(V)
Grid voltage		V_g	0	-8	(V)
Anode current		I_a	10	9	(mA)
Transconductance		S	3	2,6	(mA/V)
Amplification		μ	20	20	
Anode dissipation	either	P	4	4	(W)
	both		5,7	5,7	
Heater to cathode voltage		V_{kf}	200	200	(V)

Limiting - maximal values (each unit)

Anode voltage		V_{ao}	500	(V)
		V_a	330	
Grid voltage		V_g	-100	(V)
Anode dissipation	either	P	4	(W)
	both		5,7	
Heater to cathode voltage		V_{kf}	200	(V)
Cathode to heater circuit resistance in phase splitting circuits		R_{kf}	150	(kΩ)

Telephone: +381 18 550 741
FAX: +381 18 550 806
Postal address: Bul. Sv. Cara Konstantina 80-86, 18000 Nis, Yugoslavia
Electronic mail: eirc@eierc.com
Web site: http://www.eierc.com/rc

Average plate characteristics 6FQ7 (each section)



Telephone: +381 18 550 741
FAX: +381 18 550 806
Postal address: Bul. Sv. Cara Konstantina 80-86, 18000 Nis, Yugoslavia
Electronic mail: eirc@eierc.com
Web site: http://www.eierc.com/rc