



**6FQ7**

6FQ7 is A.F. Double Triode



**Quick reference data**

- Anode current  $I_a=10,5\text{mA}$
- Transconductance  $S=2,6\text{mA/V}$
- Amplification  $\mu=20$

**Heating**

Indirect by AC or DC

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

---

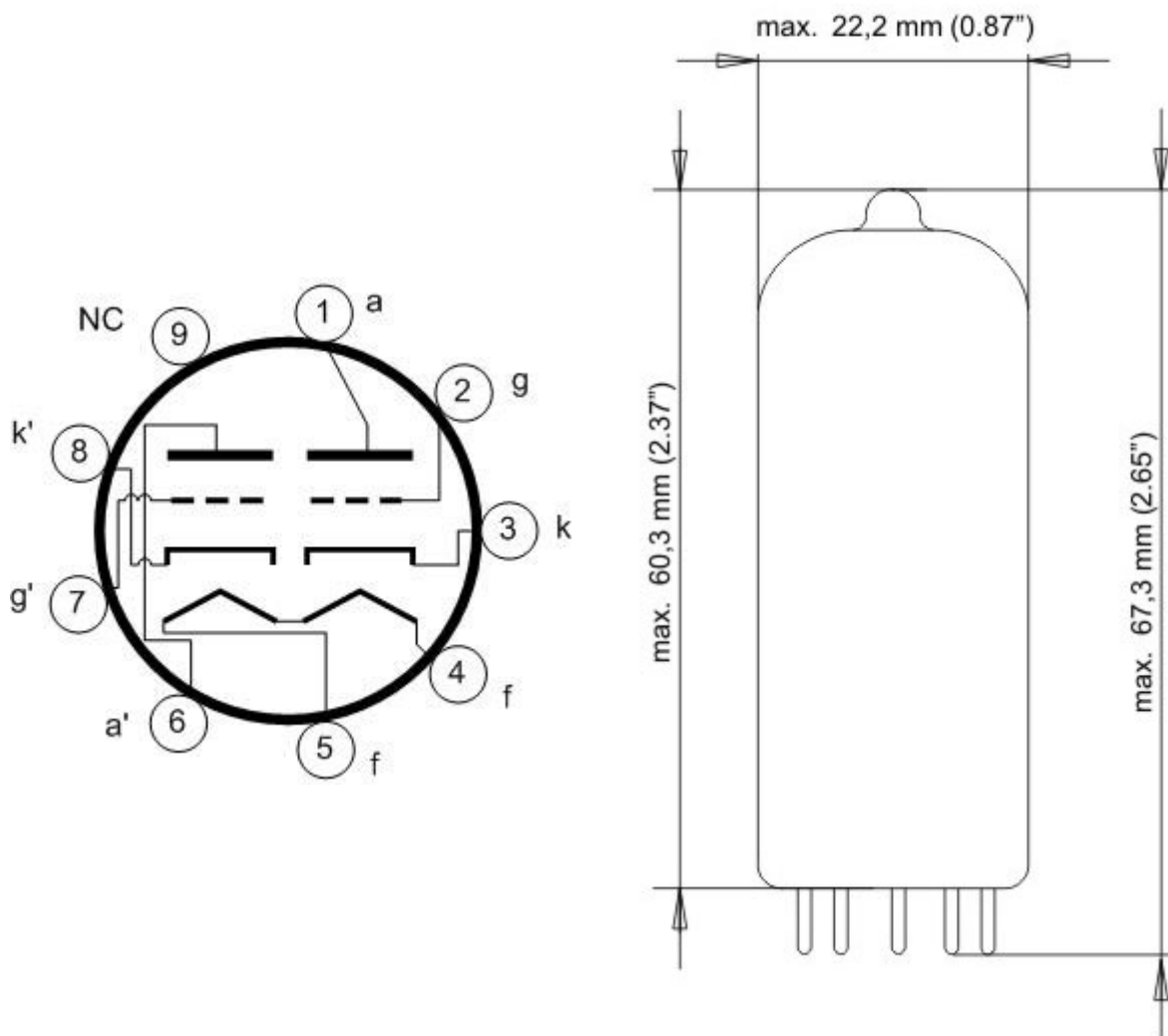
Telephone: +381 18 550 741  
FAX: +381 18 550 806  
Postal address: Bul. Sv. Cara Konstantina 80-86, 18000 Nis, Yugoslavia  
Electronic mail: [eirc@eierc.com](mailto:eirc@eierc.com)  
Web site: <http://www.eierc.com/rc>



**6FQ7**

**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](mailto:eirc@eierc.com)  
Web site: <http://www.eierc.com/rc>

**6FQ7****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             | $\mu$    | 20  | 20  |        |
| Anode dissipation         | either   | P   | 4   | 4      |
|                           | both     |     | 5,7 |        |
| Heater to cathode voltage | $V_{kf}$ | 200 | 200 | (V)    |

**Limiting - maximal values (each unit)**

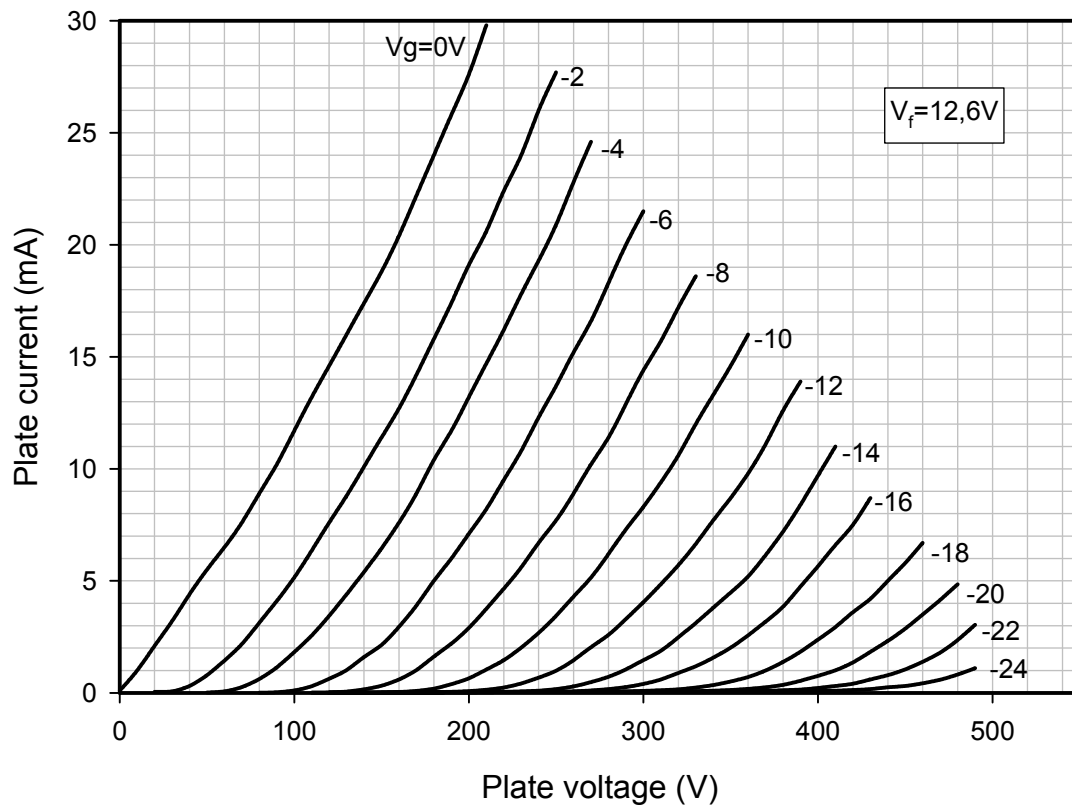
|  |          |      |               |
|--|----------|------|---------------|
| Anode voltage  | $V_{ao}$ | 500  | (V)           |
|  | $V_a$    | 330  |               |
| Grid voltage   | $V_g$    | -100 | (V)           |
| Anode dissipation  | either   | P    | 4             |
|  | both     |     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

---

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](mailto: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](mailto:eirc@eierc.com)  
Web site: <http://www.eierc.com/rc>