

SINGLE ANODE E.H.T. RECTIFYING TUBE

Single anode E.H.T. rectifying tube intended for use in colour television receivers.

The GY501 has a chemically treated envelope to avoid flash-over under conditions of high humidity and low atmospheric pressure (45 cm Hg).

QUICK REFERENCE DATA

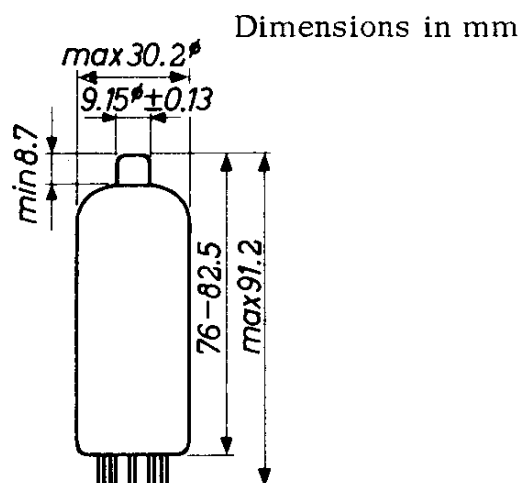
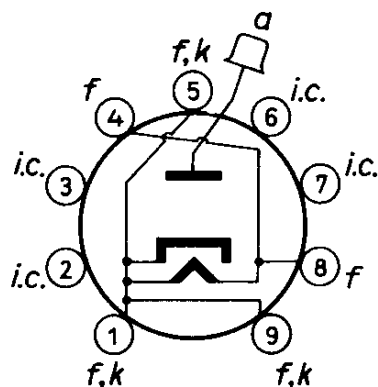
D.C. output voltage	V_o	25	kV
Anode current	I_a	1.5	mA

HEATING: Indirect by A.C. or D.C.; parallel supply

Heater voltage	V_f	3.15	V ¹⁾
Heater current	I_f	400	mA

DIMENSIONS AND CONNECTIONS

Base: Magnoval



Pins 1, 5 and 9 may be used to connect an anti-corona ring.

Circuit elements having the same potential as the heater (e.g. a series resistor) may be connected to pins 3 and 7. These pins must never be earthed.

Precaution: X-ray shielding may be required to give protection against excessive radiation.

¹⁾ Under nominal operating conditions and with the longterm average value of I_a to be expected in practice, V_{fRMS} should be 3.15 V.

The heater voltage deviation resulting from spread or variation of operating conditions should be limited to the values indicated by the diagram in fig. A.