

SINGLE ANODE E.H.T. RECTIFYING TUBE

Single anode high vacuum rectifying tube intended for use in portable T.V. receivers.

HEATING: Indirect; parallel supply

Heater voltage

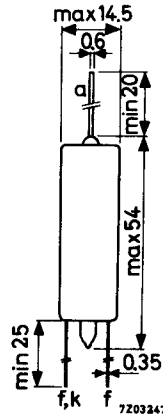
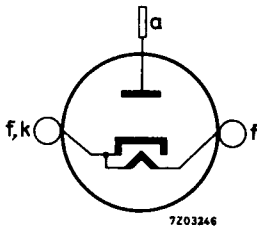
V_f 1.4 V

Heater current

I_f 550 mA

DIMENSIONS AND CONNECTIONS

Dimensions in mm



The tube has flexible leads, which must not be bent nearer than 10 mm to the tube bottom.

The leads should not be soldered nearer than 1.5 mm to the seal.

CAPACITANCE

Anode to all

C_a 0.8 pF

TYPICAL CHARACTERISTICS

Anode voltage

V_a 100 V

Anode current

I_a 13 mA

LIMITING VALUES (Design centre rating system, unless otherwise specified)

Anode voltage, negative peak	$-V_{ap}$	max.	15	kV
Anode voltage, negative peak (abs. max.)	$-V_{ap}$	max.	18	kV
Anode current, average	I_a	max.	350	μA
Anode current, peak	I_{ap}	max.	40	mA ¹⁾
Filter input capacitance	C_{filt}	max.	2000	pF
Heater voltage ($I_a < 200 \mu A$) (abs. max.)	V_f	max.	1.6	V
Heater voltage ($I_a > 200 \mu A$) (abs. max.)	V_f	min.	1.3	V

¹⁾ Max. duration is 10 % of a line-scanning cycle, but max. 10 μsec .

PHILIPS

Data handbook



Electronic
components
and materials

DY51

page	sheet	date
1	1	1969.12
2	2	1969.12
3	FP	1999.07.29