

HALF WAVE RECTIFIER for use in the E.H.T. supply of oscil-  
loscopes

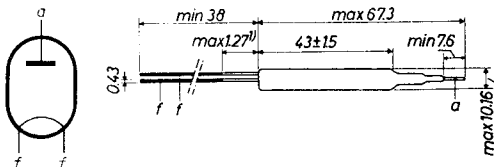
### HEATING

Direct by A.C. or D.C.

Heater voltage  $V_f = 1.25 \text{ V}$

Heater current  $I_f = 200 \text{ mA}$

Dimensions in mm



### CAPACITANCES

Anode to filament

$C_{af} = 0.6 \text{ pF}$

### LIMITING VALUES (Design centre limits)

Peak inverse voltage

$V_{ainv p} = \text{max. } 10 \text{ kV}$

Anode current

$I_a = \text{max. } 250 \text{ } \mu\text{A}$

Peak anode current (pulse  
input)

$I_{ap} = \text{max. } 5 \text{ mA}$

Pulse duration

$T_{imp} = \text{max. } 10 \text{ } \mu\text{sec}$

Duty factor

$S = \text{max. } 15 \%$

Peak anode current (sine  
wave input)

$I_{ap} = \text{max. } 1.5 \text{ mA}$

Frequency

$f = \text{min. } 5 \text{ kc/s}$

<sup>1)</sup> Not tinned

**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

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1	1	1962.07.07
2	FP	1999.12.30