

HALF WAVE RECTIFIER for use in the E.H.T. supply of oscilloscopes

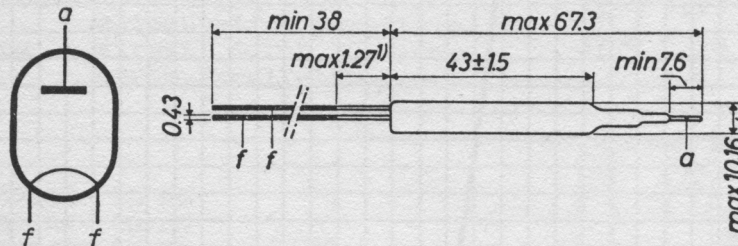
HEATING

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

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

Peak anode current (sine wave input)

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

Frequency

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

¹⁾ Not tinned