

## S.Q. TUBE

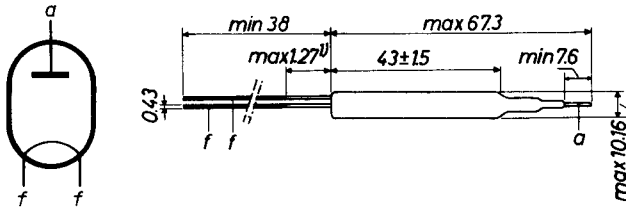
Single anode rectifier for use in the E.H.T. supply of oscilloscopes.

QUICK REFERENCE DATA	
Life test	500 hours
Heater voltage	$V_f$ 1.25 V
Heater current	$I_f$ 200 mA
Heating	Direct A.C. or D.C.
Peak inverse voltage	$V_{a\text{inv}p}$ 10 kV
Anode current	$I_a$ 250 $\mu$ A

### DIMENSIONS AND CONNECTIONS

Dimensions in mm

Connections: Flying leads



### CAPACITANCES

Anode to filament

$C_{af}$

0.6 pF

<sup>1)</sup> Not tinned

**LIMITING VALUES** Design centre rating system

Anode peak inverse voltage	$V_{ainvp}$	max.	10	kV
Anode current	$I_a$	max.	250	$\mu A$
Anode peak current	$I_{ap}$	max.	5	mA
Pulse duration max. 10 $\mu sec$				
Duty factor max. 0.15				
Anode peak current	$I_{ap}$	max.	1.5	mA
Sine wave input				
Frequency min. 5 kHz				

# PHILIPS

Data handbook



Electronic  
components  
and materials

5642

page	sheet	date
1	1	1968.12
2	2	1968.12
3	FP	2021.04.21