

High voltage directly heated half-wave rectifier with wired-in connections, particularly suitable for use in the e.h.t. supply of oscilloscopes.

FILAMENT

V _f	1.25	V
I _f	200	mA

CAPACITANCE

ca-f	600	mpF
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TYPICAL OPERATING CONDITIONS

Sine wave input

V _{in(rms)}	3.6	kV
I _a	250	μA
R _{lim}	470	kΩ
‡ C	0.02	μF
V _{out}	4.5	kV

DESIGN CENTRE RATINGS

Sine wave input

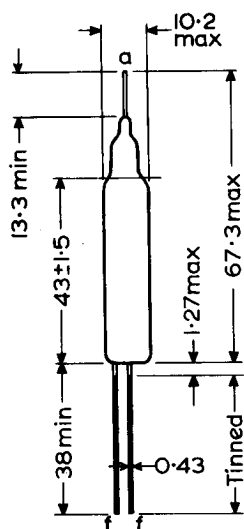
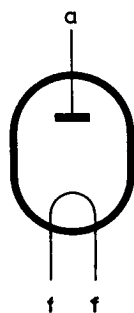
P. I. V. max.	10	kV
I _a max.	250	μA
i _{a(pk)} max.	1.5	mA
‡ C max.	0.02	μF
R _{lim} min.	470	kΩ

Pulse input

P. I. V. max.	10	kV
I _a max.	250	μA
* i _{a(pk)} max.	5.0	mA
C max.	0.002	μF

* Duty factor max. = 15 %, t_p max. = 10 μs.

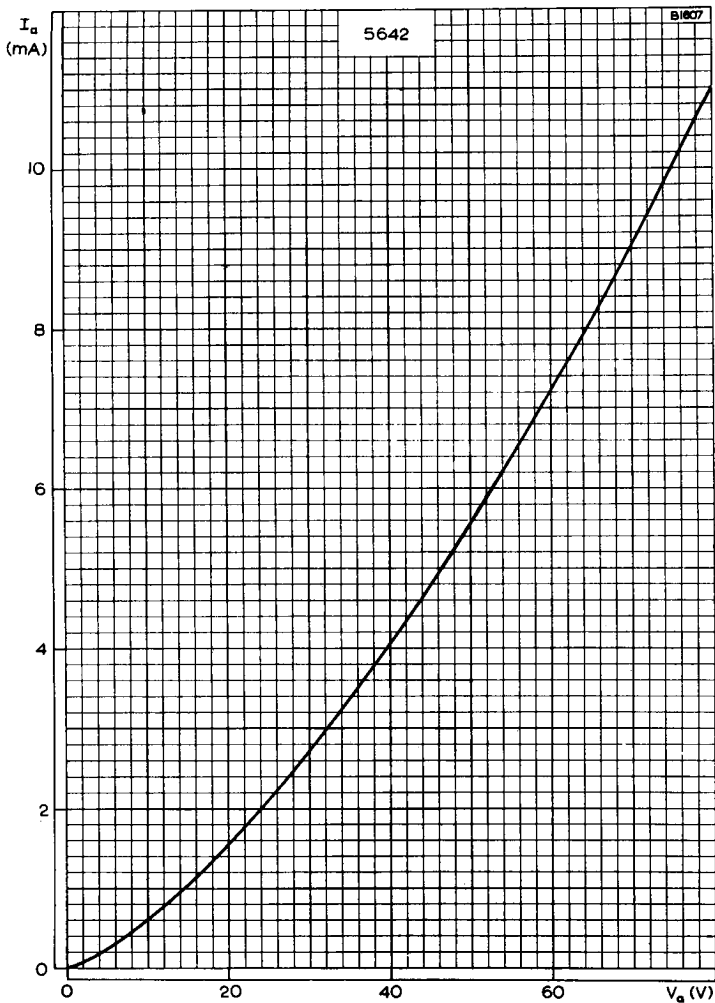
‡ 50 c/s supply



All dimensions in mm

B1576





ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE