

FERRANTI

VACUUM HIGH VOLTAGE RECTIFIER

An indirectly heated Half-Wave High Voltage Rectifier.

PHYSICAL DETAILS.

Base	...	...	...	International Octal.
Top Cap	...	...	...	Skirted Miniature—CT1
Max. Overall Length	...	...	...	118 mm. ($4\frac{11}{16}$ in.).
Max. Seated Height	...	...	...	104 mm. ($4\frac{1}{8}$ in.).
Max. Diameter (Base)	...	...	...	33 mm. ($1\frac{1}{8}$ in.).
Mounting Position	...	...	...	Any.

BASE CONNECTIONS.

Pin 1—No Connection.	Pin 5—No Connection.
Pin 2—Heater.	Pin 6—No Connection.
Pin 3—No Connection.	Pin 7—No Connection.
Pin 4—No Connection.	Pin 8—Heater, Cathode.
Top Cap—Anode.	

HEATER.

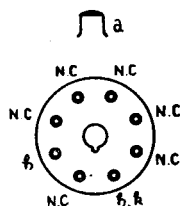
Heater Voltage	...	...	4.0 volts.
Heater Current	...	...	1.25 amp.

RATINGS*

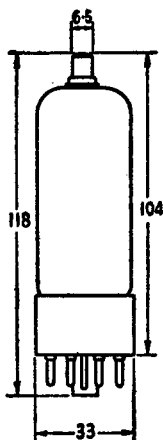
Max. P.I.V. (no load)	...	...	13.0 kV.
Max. P.I.V. (working)	...	...	11.5 kV.
Max. R.M.S. Input Voltage	...	...	4.5 kV.
Max. Peak Anode Current	...	...	280 mA.
Max. Rectified Current	...	...	40 mA.
Max. Reservoir Capacitor	...	...	1.0 μ F.
Min. Supply Impedance	...	...	4500 ohms.
Min. Switching Delay Time	...	...	60 secs.

*The above ratings are "Absolute" and apply to operation at 50 c/s. with a capacitor input and delayed switching.

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Base Connections
Underside View of Base



All Dimensions shown are in millimetres (max.).





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