

FERRANTI

FULL WAVE RECTIFIER

An indirectly heated, high vacuum, full wave rectifier. The cathode is internally connected to one side of the heater.

PHYSICAL DETAILS.

Base	...	...	...	International Octal.
Bulb	...	...	...	Clear.
Max. Overall Length	...	...	...	119 mm. ($4\frac{1}{2}$ ins.).
Max. Overall Bulb Diameter	...	...	...	45 mm. ($1\frac{3}{4}$ in.).
Max. Seated Height	...	...	...	104 mm. ($4\frac{1}{2}$ in.).
Mounting Position	...	...	...	Any.

BASE CONNECTIONS.

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

HEATER.

Heater Voltage	...	...	...	5.0 volts.
Heater Current	...	...	...	2.0 amps.

RATINGS.

Max. Peak Inverse Voltage	...	...	...	1400 volts.
*Max. Peak Anode Current	...	...	...	375 mA.
*Max. R.M.S. Anode Voltage	...	...	...	500 volts.
Max. Rectified Current	...	...	...	125 mA.
*Min. Limiting Resistance	...	...	...	30 ohms.

TYPICAL OPERATING CONDITIONS.

CONDENSER INPUT.

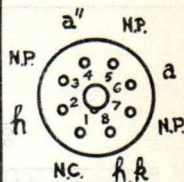
*R.M.S. Input Voltage	...	...	...	350 volts.
Rectified Current	...	...	...	125 mA.
*Min. Supply Impedance	...	...	...	50 ohms.
Max. Reservoir Condenser	...	...	...	32 μ F.

CHOKE INPUT.

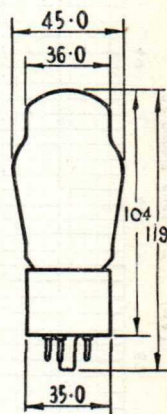
*R.M.S. Input Voltage	...	...	...	500 volts.
Rectified Current	...	...	...	125 mA.
Min. Input Choke Inductance	...	...	...	4 henries.

*Per Anode

5Z4G



Base
Connections
Underside View
of Base



All dimensions
shown are in
millimetres.



5Z4G



D.C. OUTPUT. (VOLTS)

