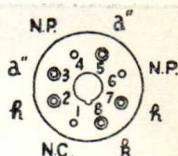


FERRANTI

FULL WAVE RECTIFIER

An indirectly heated, high vacuum, full wave rectifier. The cathode is connected to a separate pin.

6X5GT



Base
Connections
Underside View
of Base

PHYSICAL DETAILS.

Base	...	...	...	International Octal.
Bulb	...	...	...	Clear.
Max. Overall Length	...	...	...	84 mm. (3 $\frac{1}{4}$ in.).
Max. Diameter (Base)	...	...	...	33 mm. (1 $\frac{1}{8}$ in.).
Max. Seated Height	...	...	...	70 mm. (2 $\frac{7}{8}$ in.).
Mounting Position	...	...	...	Any.

BASE CONNECTIONS.

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

HEATER.

Heater Voltage	...	...	...	6.3 volts.
Heater Current	...	...	...	0.6 amp.

RATINGS.

Max. Peak Inverse Voltage	...	...	...	1250 volts.
*Max. Peak Anode Current	...	...	...	210 mA.
*Max. R.M.S. Anode Voltage	...	...	...	325 volts.
Max. Rectified Current	...	...	...	70 mA.
*Min. Limiting Resistance	...	...	...	150 ohms.
Max. V_{h-k}	...	...	...	450 volts.

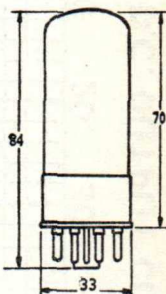
TYPICAL OPERATION.

CONDENSER INPUT.

*R.M.S. Input Voltage	...	...	...	325 volts.
Rectified Current	...	...	...	70 mA.
*Min. Supply Impedance	...	...	...	150 ohms.
Max. Reservoir Condenser	...	...	...	32 μ F.

CHOKE INPUT.

*R.M.S. Input Voltage	...	...	...	450 volts.
Min. Filter Input Choke	...	...	...	8 henries.
Rectified Current	...	...	...	70 mA.



All Dimensions
shown are in
millimetres
(max.).



6X5GT



D.C. OUTPUT (VOLTS).

