

FERRANTI
HALF WAVE RECTIFIER

Valve type 35Z4GT is an indirectly heated, high vacuum, half wave rectifier designed for use in AC/DC equipment,

PHYSICAL DETAILS.

Base	...	...	...	International Octal.
Bulb	...	...	...	Clear.
Max. Overall Length	...	...	...	84 mm. (3 $\frac{1}{8}$ in.).
Max. Diameter	...	...	...	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.
Pin 2—Heater.	Pin 6—No Pin.
Pin 3—No Connection.	Pin 7—Heater.
Pin 4—No Pin.	Pin 8—Cathode.

HEATER.

Heater Current	...	...	...	0.15 amp.
Heater Voltage	...	...	...	35 volts.

RATINGS.

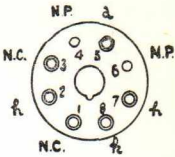
Max. Peak Inverse Voltage	...	...	...	700 volts.
Max. Peak Anode Current	...	...	...	600 mA.
Max. R.M.S. Anode Voltage	...	...	...	250 volts.
Max. Rectified Current	...	...	...	100 mA.
Max. V_{h-k}	...	...	...	350 volts.

TYPICAL OPERATION.

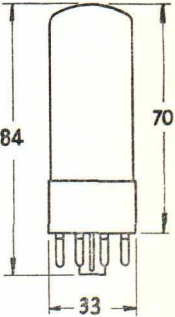
CAPACITOR INPUT.

R.M.S. Input Voltage per Anode	117	250	volts.
Rectified Current	...	100	100 mA.
Min. Supply Impedance	...	15	100 ohms.
Max. Reservoir Condenser	...	40	40 μ F.

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Base
Connections
Underside View
of Base



All dimensions
shown are in
millimetres.
(max.).



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