



HALF WAVE RECTIFIER

An indirectly heated, half wave rectifier, for use in equipments with series heater chains.

PHYSICAL DETAILS.

Base	...	...	...	B9A—Noval.
Max. Overall Length	...	...	...	67.5 mm. (2 $\frac{3}{4}$ in.).
Max. Seated Height	...	...	...	60.5 mm. (2 $\frac{3}{8}$ in.).
Max. Diameter	...	...	...	22.2 mm. ($\frac{7}{8}$ in.).
Mounting Position	...	...	...	Any.

BASE CONNECTIONS.

Pin 1—Internal Connection.	Pin 5—Heater.
Pin 2—Internal Connection.	Pin 6—Internal Connection.
Pin 3—Cathode.	Pin 7—Internal Connection.
Pin 4—Heater.	Pin 8—Internal Connection.
	Pin 9—Anode.

HEATER.

Heater Current	...	...	...	0.1 amp.
Heater Voltage	...	...	...	38 volts.

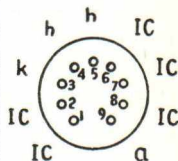
RATINGS.

Max. Peak Inverse Voltage	...	700 volts.
Max. R.M.S. Anode Voltage	...	250 volts.
Max. Rectified Current	...	110 mA.
Max. Peak Anode Current	...	660 mA.
Max. $V_{h-k(pk)}$ (Htr. neg.)	...	550 volts.

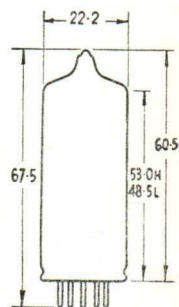
TYPICAL OPERATING CONDITIONS.

Capacitor Input.				
R.M.S. Input Voltage	...	110	220	250 volts.
Rectified Current	...	110	110	110 mA.
Min. Supply Impedance	...	0	90	100 ohms.
Max. Reservoir Capacitor	...	100	100	100 μ F.
D.C. Output Voltage	...	112	215	245 volts.

UY85



Base
Connections
Underside View
of Base

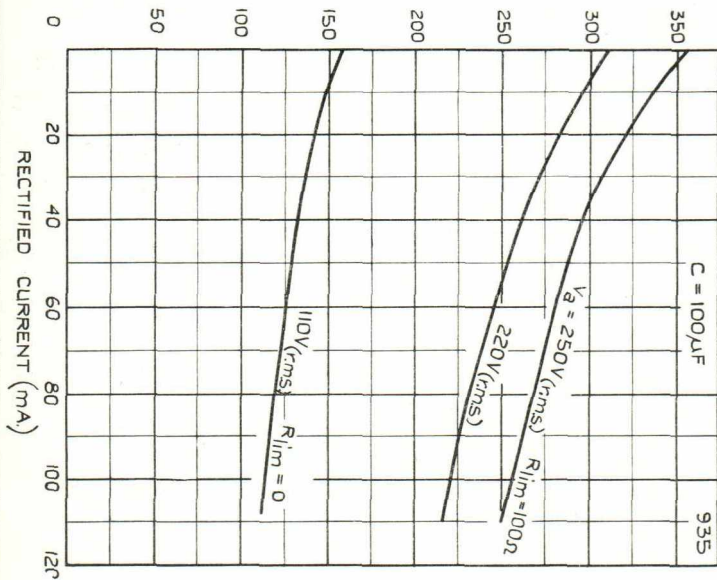


All dimensions
shown are in
millimetres.



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D.C. OUTPUT VOLTAGE.



ANODE CURRENT (mA.)

