

Mullard

HIGH VOLTAGE RECTIFIER

HVR2

The HVR2 is an indirectly heated high-voltage half-wave rectifier for use in apparatus employing Cathode Ray Tubes.

HEATER CHARACTERISTICS

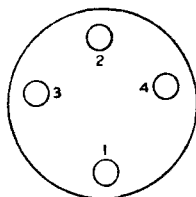
Heater Voltage	...	$V_f = 4.0$ volts	Overall Length	... = 130 mm.
Heater Current	...	$I_f = 0.65$ amp	Overall Diameter	= 46 mm.
Heating Time—40 seconds				

DIMENSIONS

OPERATING DATA

Maximum Anode Voltage (R.M.S.)	...	$V_{a\max}$	= 6,000 volts
Maximum Rectified Current (Continuous)	...	$I_{a\max}$	= 3.0 mA
Maximum Peak Inverse Voltage	...		= 20,000 volts

CONNECTIONS



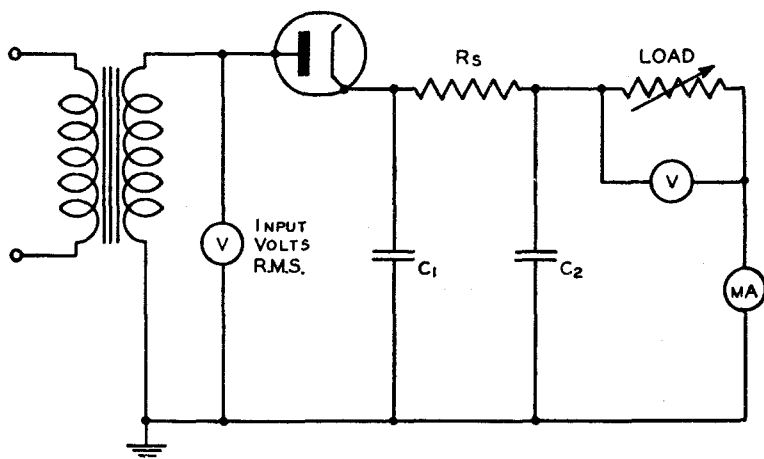
Pin No. 1	—
Pin No. 2	—
Pin No. 3	Heater
Pin No. 4	Heater
Top Cap—Anode	

} Cathode internally connected

Viewed from free end of pins

OPERATING NOTES

A typical method of operating is shown below, the constants on the curves refer to this circuit.



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