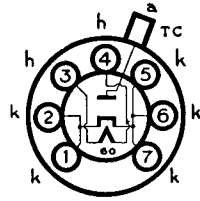


B7G Base

**Current Equipment Type**

**TYPE R10  
MINIATURE  
HIGH VOLTAGE  
RECTIFIER**



The BRIMAR type R10 is an indirectly heated half-wave rectifier of the "all glass" construction, fitted with a miniature type base. It is particularly suitable for use in portable oscilloscopes.

**RATINGS**

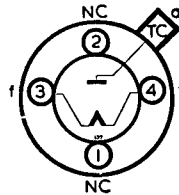
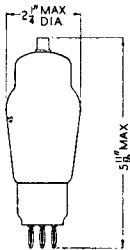
Heater Voltage	...	...	...	...	...	4.0 volts
Heater Current	...	...	...	...	...	0.5 amp.
Peak Inverse Voltage (No Load)	...	...	...	...	...	15.5 kV max.
Peak Inverse Voltage (Full Load)	...	...	...	...	...	12.5 kV max.
Peak Anode Current	...	...	...	...	...	40 mA max.
Supply Frequency	...	...	...	...	...	100 kc/s max.
Absolute Max. Heater Cathode potential	...	...	...	...	...	10 volts

**CHARACTERISTICS AS HALF-WAVE RECTIFIER**

R.M.S. Input (DELAYED SWITCHING)	...	...	...	...	5.5 kV max.
R.M.S. Input (SIMULTANEOUS SWITCHING)	...	...	...	...	3.5 kV max.
Series Anode Impedance	...	...	...	...	62,000 ohms min.
Rectified Current	...	...	...	...	5.0 mA max.

**Replacement Type**

**TYPE R11  
(ENGLISH BASE)  
HIGH VOLTAGE  
RECTIFIER**



**RATINGS**

Heater Voltage	...	...	...	...	...	4.0 volts
Heater Current	...	...	...	...	...	1.1 amp.
Peak Inverse Voltage (No Load)	...	...	...	...	...	14 kV max.
Peak Inverse Voltage (Full Load)	...	...	...	...	...	12.5 kV max.
Peak Anode Current	...	...	...	...	...	350 mA max.
Supply Frequency	...	...	...	...	...	60 cps. max.

**CHARACTERISTICS AS HALF-WAVE RECTIFIER**

R.M.S. Input	...	...	...	...	...	5.0 kV max.
Series Anode Impedance	...	...	...	...	...	4,000 ohms min.
Rectified Current	...	...	...	...	...	50 mA max.
Reservoir Condenser	...	...	...	...	...	1.0 μF max.