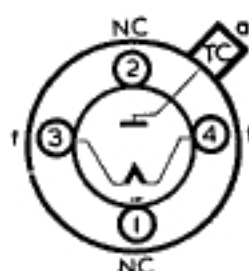


**R11**  
**R12**



Obsolescent Type

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

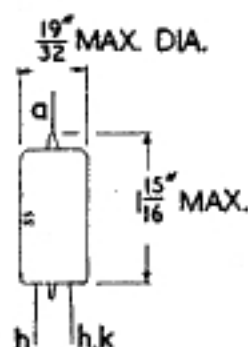


**RATINGS**

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 $\mu$ F max.



Replacement Type

**TYPE R12**  
**(WIRE ENDED)**  
**E. H. T.**  
**RECTIFIER**

**RATINGS**

Heater Voltage	...	...	...	...	...	...	6.3 volts $\pm$ 10 per cent.
Heater Current	...	...	...	...	...	...	0.09 amp.
					Sinusoidal *	Pulse	
Peak Inverse Voltage	...	...	...	...	Input	Input	kV max.
Rectified Current	...	...	...	...	0.5	0.1	mA max.
Series Anode Impedance	...	...	...	...	0.1	0.1	meg. min.
Reservoir Condenser	...	...	...	...	5/f*	0.1	$\mu$ F max.

\*Maximum operating frequency 500 Kc/s.  
f measured in cycles per second.