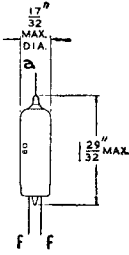


# 1T2/R16



Replacement Type

## TYPE 1T2/R16 (WIRE ENDED) HIGH VOLTAGE RECTIFIER

The BRIMAR type 1T2/R16 is a directly heated half-wave rectifier designed for use in the E.H.T. supply of television receivers. The low filament consumption permits operation from the line fly-back pulses, while the absence of base enables the valve to be wired close to the line output transformer.

### RATINGS

|                      |     |     |     |     |     |     |     |     |             |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| Filament Voltage     | ... | ... | ... | ... | ... | ... | ... | ... | 1.4 volts*  |
| Filament Current     | ... | ... | ... | ... | ... | ... | ... | ... | 0.14 amp.   |
| Peak Inverse Voltage | ... | ... | ... | ... | ... | ... | ... | ... | 15 kV. max. |
| Peak Anode Current   | ... | ... | ... | ... | ... | ... | ... | ... | 12 mA max.  |
| Direct Anode Current | ... | ... | ... | ... | ... | ... | ... | ... | 2 mA max.   |

### INTER-ELECTRODE CAPACITANCES

|  |     |     |     |     |     |     |     |     |         |
|--|-----|-----|-----|-----|-----|-----|-----|-----|---------|
| Anode to Filament (c <sub>a</sub> , f) | ... | ... | ... | ... | ... | ... | ... | ... | 0.65 pF |
|--|-----|-----|-----|-----|-----|-----|-----|-----|---------|

\* Correct filament operation is essential in order to secure long life. Filament temperature during normal operation may be compared with that of a second valve running from a low frequency filament supply whose voltage can be accurately measured. At least 1 inch of leads should be allowed when soldering the valve into position to avoid damage to the glass seals.

