



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_{af})	...	...	...	...	...	...	...	...	0.65 pF
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* 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.

