



ELECTRONIC TUBE REFERENCE

CV426

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

British military television flyback/EHT rectifier designed to convert horizontal-output transformer pulses into the CRT accelerating supply. Its low-power heater minimizes isolated heater requirements at elevated high-voltage potential.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 90 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	17000 V
NOMINAL OUTPUT CURRENT	0.5 mA
<i>Published ratings and characteristics promoted semantically from the approved source; identical repeated sections compressed where applicable.</i>	

Commercial equivalent explicitly printed for Brimar R12, a wire-ended television EHT half-wave rectifier.

SOURCE OPERATING CONDITIONS

1958 Brimar Radio Valve No 7

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Inverse Voltage	17 kV	—
Rectified Current	0.5 mA	SinusoidalInput
Rectified Current	0.1 mA	PulseInput
Maximum Operating Frequency	500 kHz	SinusoidalInput

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Commercial Equivalent	R12	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker