

ELECTRONIC TUBE REFERENCE

1N2

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Early filamentary high-voltage rectifier for television receivers, used to rectify flyback pulses and generate the CRT accelerating-voltage supply.

GENERAL CHARACTERISTICS

BASE DESIGNATION	3C	BASE PINS	—
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

3C - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – Pin 1	—	—	IC
PIN2 – Pin 2	—	F – Filament	CONNECTED
PIN3 – Pin 3	—	—	IC
PIN5 – Pin 5	—	—	IC
PIN7 – Pin 7	—	F – Filament	CONNECTED
PIN8 – Pin 8	—	—	IC
CAP1 – Top cap	A	P – Plate (Anode)	CONNECTED

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	28000 V
NOMINAL OUTPUT CURRENT	0.5 mA
PEAK FORWARD CURRENT	50 mA
<i>Published ratings and characteristics promoted where clearly legible in the approved source.</i>	

Filamentary half-wave high-voltage rectifier intended for television receivers and other high-voltage rectifier applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1944 Hytron

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

1944 HYTRON

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Plate Current	50 mA	—
Average Plate Current	0.5 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate To Filament Capacitance	1 pF	—

TUBE TINKER

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and their source documents.

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