



ELECTRONIC TUBE REFERENCE

1Z1

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-voltage rectifier specifically for television line-flyback pulse rectification. Its unusually low-power filament supports CRT high-voltage generation at very low average current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.4 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	0.5 W
PEAK INVERSE VOLTAGE	15000 V
NOMINAL OUTPUT CURRENT	0.5 mA
PEAK FORWARD CURRENT	5 mA
<i>High-voltage pulse rectifier.</i>	

A directly heated high-voltage rectifier intended for rectifying line-flyback pulses in television receivers.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.4 V	Nominal
HeaterCurrentNominal	100 mA	Nominal
Maximum Plate Dissipation	0.5 W	—
Maximum Peak Inverse Voltage	15000 V	—
Rectified Output Current	0.5 mA	—

TUBE TINKER

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and their source documents.

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