

ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

1BC2

Rectifier - TV Line Scan Boost electronic tube

High-voltage pulse rectifier for black-and-white television receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Rectifier	
PEAK INVERSE VOLTAGE	18000 V
NOMINAL OUTPUT CURRENT	0.5 mA
PEAK FORWARD CURRENT	45 mA
FORWARD VOLTAGE DROP	80 V
80 V forward drop at 7 mA; 15,000 V maximum DC component; pulse duty cycle at most 15%.	

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 RCA RC26

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

1968 RCA RC26

Section 0 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse plate voltage total DC plus peak	18000 V	Pulsed rectifier total DC plus peak
Peak plate current	45 mA	Peak plate current
Average plate current	0.5 mA	Average plate current

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	80 V	At plate current 7 mA

TUBE TINKER

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and their source documents.

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