



ELECTRONIC TUBE REFERENCE

6AY3

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Novar half-wave vacuum rectifier designed for television horizontal-deflection damper service, with high inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 750 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	6.5 W
MAXIMUM CATHODE CURRENT	175 mA
PEAK INVERSE VOLTAGE	5000 V
NOMINAL OUTPUT CURRENT	175 mA
PEAK FORWARD CURRENT	1.1 A
<i>Published maximum ratings and electrical characteristics promoted from approved source.</i>	

Novar half-wave vacuum rectifier designed for television horizontal-deflection damper service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	750 mA	Nominal
Maximum Plate Dissipation	6.5 W	—
Maximum Cathode Current	175 mA	—
Maximum Peak Inverse Voltage	5000 V	—
PeakForwardCurrent	1.1 A	—

TUBE TINKER

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

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