



ELECTRONIC TUBE REFERENCE

506K

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated high-vacuum full-wave rectifier for receiver and similar power supplies. Its four-volt filament and moderate output capability suit conventional transformer-fed B-plus supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	A	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier

NOMINAL OUTPUT CURRENT	75 mA
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Full-wave rectifier; maximum transformer voltage 2 x 300 V RMS.

SECTION2 Rectifier

NOMINAL OUTPUT CURRENT	75 mA
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Second physical rectifier section; electrical properties populated from corresponding identical section.

A directly heated 4 V full-wave rectifier rated for 2 x 300 V RMS transformer voltage and 75 mA DC output.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transformer voltage max	2 x 300 V RMS	—
DC output current max	75 mA	—
Filter capacitance max	32 uF	—

1999 PHILIPS 0-D

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transformer voltage max	2 x 300 V RMS	—
DC output current max	75 mA	—
Filter capacitance max	32 uF	—

TUBE TINKER

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and their source documents.

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