



ELECTRONIC TUBE REFERENCE

5Y3S

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated double-anode rectifier for full-wave power supplies. Published capacitor-input filter operation supports receiver, amplifier, and similar moderate-current electronic supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	125 mA
<i>Representative section for two electrically identical sections.</i>	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	125 mA
<i>Second physical rectifier section; electrical properties populated from corresponding identical section.</i>	

Double-anode directly heated rectifying tube with capacitor-input operating data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 JJ Electronic

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

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Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ACVoltagePerPlate	350 V	CapacitorInputFilter;C 20 uF;Rt 50 ohm
DC Output Current	125 mA	CapacitorInputFilter
DC Output Voltage	360 V	CapacitorInputFilter

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Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ACVoltagePerPlate	350 V	CapacitorInputFilter;C 20 uF;Rt 50 ohm
DC Output Current	125 mA	CapacitorInputFilter
DC Output Voltage	360 V	CapacitorInputFilter

TUBE TINKER

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and their source documents.

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