

ELECTRONIC TUBE REFERENCE

V200625

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated high-voltage rectifier for conventional and pulsed operation. Its roughly 25 kV reverse-voltage capability suits specialized pulse and charging supplies.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	33 W
PEAK INVERSE VOLTAGE	25000 V
NOMINAL OUTPUT CURRENT	60 mA
PEAK FORWARD CURRENT	500 mA
MAXIMUM HEATER-CATHODE VOLTAGE	150 V
WARM-UP TIME	45 s
English text used as primary source; Russian text used only to repair/check ambiguous OCR.	

The V2-0.06/25 is an indirectly heated high-voltage rectifier tube that also has separately published pulsed-operation ratings.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Electronintorg

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

1968 ELECTRONINTORG

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	5 V	—
Warm-up/Cathode Heating Time	45 s	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Reverse Voltage	25000 V	—
Peak Anode Current	500 mA	—
Average/Rectified Anode Current	60 mA	—
Anode Dissipation	33 W	—
Peak Current at Switching On	4 A	Rectification
Cathode-Heater Voltage	-150 V	Pulsed operation
Peak Anode Current	5 A	Pulsed operation
Anode Dissipation	33 W	Pulsed operation

TUBE TINKER

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and their source documents.

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