



ELECTRONIC TUBE REFERENCE

2D2S

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Russian diode documented in technical reference literature; available source material does not clearly establish a narrower specialized functional role.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.4 V / 1.45 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
TRANSCONDUCTANCE	0.0001 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	5 W
Electrical values extracted only from the filename-designated tube block; page-edge fragments excluded.	

2D2S diode from a Russian vacuum-tube reference; technical description translated to English.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Diode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	40 mA	Напряжение накала (при $I_a=40$ mA). (1,4=0,2} В
Service life	2500 h	Наработка . . . Кв 2500 ч
Heater voltage	1.2–1.7 V	Напряжение накала 1,2—1,7 В
Plate voltage	140 V	Напряжение анода , 140 В
Plate current	40 mA	Ток анода 5. , 40 mA
Transconductance	0.1 mA/V	Крутизна характеристики (при I_a 40 mA) , 0,1 mA/V

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Reverse voltage	200 V	Обратное напряжение , , 200 В
Plate dissipation	5 V	Мощность, рассеиваемая анодом . , 5 Вт

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