

ELECTRONIC TUBE REFERENCE

2D3B

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	2.2 V / 110 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	6 W
Electrical values extracted only from the filename-designated tube block; page-edge fragments excluded.	

2D3B 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 current	110 mA	Ток накала . ва веввевь , 110 мА
Anode-cathode capacitance	2.4 pF	Емкость между анодом и катодом . . . , . . . , . , 2,4 пФ
Service life	300 h	Наработка , 300ч
Plate current	5 MA	ток анода , ... 5MA
Heater voltage	<2.3 V	Напряжение накала , <2,3 В
Plate voltage	150 V	Напряжение анода 150 В
Resonant frequency	650 MHz	Резонансная частота . . нВ , 650 МГц
Heater current	2.12 A	Ток накала (при O,=1,4 В) 2,12 А
Service life	2250 h	Наработка . . Р., 2250 ч
Heater current	23 A	Ток накала кк 23 А
Plate current	5.5 mA	Ток анода . . . кеа 5,5 мА

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate dissipation	6 V	Мощность, рассеиваемая анодом .. есоеее 6 В

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