



ELECTRONIC TUBE REFERENCE

6X7BVR

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Russian vacuum diode variant documented with electrical characteristics and ratings but insufficient application detail for a narrower functional classification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
PEAK INVERSE VOLTAGE	450 V
<i>Filename-matched Russian source entry only.</i>	

Russian diode vacuum tube. Technical characteristics and ratings are taken from the complete filename-matched source entry.

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	30 mA	Translated from Russian source; Ток накала . (300-- 30) mA
Plate current	20 mA	Translated from Russian source; Начальный ток анода (при иа_о Кн—40 кОм) < 20 мкА
Plate current	70 mA	Translated from Russian source; Ток анода (амплитудное значение) МА с 70 70
Heater current	0.125 mA	Translated from Russian source; Ток накала. . P, (1,125 +0,125) A
Plate current	175 mA	Translated from Russian source; Ток анода (при (1,,—20 В) . , 175 mA
Plate resistance	90 ohm	Translated from Russian source; Внутреннее сопротивление , <90 Ом
Plate current	140 mA	Translated from Russian source; ток анода , 140 mA

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6 V	Translated from Russian source; Напряжение накала, В. , . в е . . . 5,7—6,9 6—6 6
Peak inverse voltage	450 V	Translated from Russian source; Обратное напряжение, В. 450
Service life	1000 h	Translated from Russian source; Нарботка. , , 2>1000

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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