



ELECTRONIC TUBE REFERENCE

6S3BV

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Russian high-frequency triode variant designed for voltage amplification in high-frequency electronic circuits.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.00135 S
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	2.75 W
Electrical data extracted only from filename-designated Russian tube block; identical dual sections compressed where applicable.	

6S3BV: Russian-source high-frequency triode; 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 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	5.7–6.9 V	Напряжение накала . , 5,7—6,9 В
Plate voltage	330 V	Напряжение анода 330 В
Published electrical parameter	100 V	НЗПРЯ)КВНИВ между КНТОДОМ И подогревателей , 100 В
Cathode current	20 mA	Ток катода . , 20 мА
Dissipation / power	2.75 W	Мощность, рассеиваемая анодом . . , 2,75 Вт
Published electrical parameter	1500 Ω	для 6СЗБ при И,=6,3 В, 0,=270 В, Вк=1500 Ом;
Published electrical parameter	1860 Ω	для 6СЗБ-В при Ин=6,3 В, (4=250 В, Кк=1860 Ом
Reverse current	<0.3 μA	Обратный ток сетки ; ° , <0,3 мкА
Published electrical parameter	0 μA	Ток утечки между катодом и подогревателем е , <?0 мкА
Published electrical parameter	>1.4 mA/V	То же при Оа=5,7 В. , >1,4 мА/В
Published electrical parameter	2 kΩ	Напряжение виброшумов '(приК,,\—2 кОм) , , <175 мВ
Published electrical parameter	6 pF	проходная . . . , 1,65!6 пФ
Service life	2500 h	Наработка , , 2500 ч
Reverse current	<1.5 μA	обратный ток сетки * . , <1,5 мкА
Transconductance	1.35 mA/V	крутизна характеристики . , 1,35 мА/В
Published electrical parameter	50–600 Hz	частот 50—600 Гц @ .. 10 —

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency	5–600 Hz	то же в диапазоне частот 5—600 Гц 3 — 10

TUBE TINKER

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and their source documents.

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