ELECTRONIC TUBE REFERENCE

6S31BR

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Russian improved-reliability triode intended for voltage-amplifier service, documented as a specialized variant of the 6S31B family.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 220 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode	
AMPLIFICATION FACTOR	5
MAXIMUM PLATE DISSIPATION	2.5 W
Values extracted only from the complete filename-matched Russian entry.	

Russian triode intended for voltage amplification and/or high-frequency operation, as specified in the 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 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	**-22 mA**	Translated from Russian source; OCR line: Ток накала, мА. , ... , 220=22 220--22
Plate current	**-10 mA**	Translated from Russian source; OCR line: Ток анода, мА 40 Ю 40=-10
Transconductance	**188 mA/V**	Translated from Russian source; OCR line: Крутизна характеристики, мАВ . 18-$ 188
Transconductance	**5.7 mA/V**	Translated from Russian source; OCR line: Крутизна характеристики при Ов=5,7 В,
Amplification factor	**-5**	Translated from Russian source; OCR line: Коэффициент усиления й .. 17i5 17=-5

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	**5000 h**	Translated from Russian source; OCR line: Наработка, ч . й >2000 > 5000
Heater voltage	**-6.6 V**	Translated from Russian source; OCR line: Напряжение накала, В . 5,7—7 — 6-—6,6
Plate voltage	**100 V**	Translated from Russian source; OCR line: Напряжение анода, В , 100 100
Plate dissipation	**2.5 W**	Translated from Russian source; OCR line: Мощность, рассеиваемая анодом Вт й 2,5 2,5