



ELECTRONIC TUBE REFERENCE

6S32B

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Improved-reliability Russian triode designed for low-frequency voltage amplification in electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	10
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0038 S
AMPLIFICATION FACTOR	65
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	10 mA
<i>Promoted fields are taken from the published electrical-characteristics and maximum-permissible-ratings tables in the approved bilingual source; repeated identical sections are represented once where applicable.</i>	

The 6C32B triode of improved reliability is Ha3HaueH MNJIs1 YCHJIEHHs HaNnpcaAXKeHUs HH3KOH ua- designed for amplification of low-frequency volt- CTOTHL.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Russian

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

195X RUSSIAN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published heater condition.
Heater current	300 mA	Published heater current.
Transconductance	3800 μ S	Published characteristic; normalized to μ S.
Amplification factor	65	Published characteristic.
Service life	2000 h	Published service-life guarantee.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	250 V	Published limiting/specification value.
Maximum plate dissipation	1 W	Published limiting value.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1970 Russian Tubes Mashpriborintorg

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

1970 RUSSIAN TUBES MASHPRIBORINTORG

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage - characteristic point	200 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current - characteristic point	3.5 mA	—
Grid-to-plate capacitance maximum	1.2 pF	—
Heater-to-cathode capacitance maximum	6 pF	—



SOURCE DATA APPENDIX

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	-20 mA	Translated from Russian source; OCR line: Ток накала . (165=-20) mA
Plate current	3 mA	Translated from Russian source; OCR line: Ток анода . . (3,5=-!,3) mA
Amplification factor	-20	Translated from Russian source; OCR line: Коэффициент усиления . 100--20

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	17 V	Translated from Russian source; OCR line: Напряжение накала . 5,7—17 B
Plate voltage	250 V	Translated from Russian source; OCR line: Напряжение анода . 250 B

TUBE TINKER

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and their source documents.

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