



ELECTRONIC TUBE REFERENCE

6S1Z

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Russian high-frequency triode for RF amplification and related signal service.

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

SECTION 1 Triode	
PLATE RESISTANCE	84000 Ω
TRANSCONDUCTANCE	0.00225 S
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM PLATE DISSIPATION	1.8 W
Published maximum ratings and key characteristics promoted from the aligned bilingual tables; English primary, Russian/Bulgarian text used only where the English OCR did not carry the numeric label cleanly.	

High-frequency triode БрикотактотТбуон 6СІІК npemnasxaven The 6C1)K high-frequency triode is designed High-frequency triode

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical value	6	6CIXK BLICOKOUACTOTHBIH TPHOX
BricokouactotHblil Tpuon	6	BricokouactotHblil Tpuon 6CIJK npemnasxaven The 6C1)K high-frequency triode is designed
Buicokouactotable Tpuonn	6	Buicokouactotable Tpuonn 6CIDK BHiTyckaioTes The 6CIJK high-frequency triodes are enclosed
BricokouactoThele Tpuoabsl	6	BricokouactoThele Tpuoabsl 6CIJK ycrofliusbl K
The	6	The 6C1)K high-frequency triodes are resistant
B0	-60	BO31eHCTBHIO OKpyXKarmlllell TeMmneparypsl or —60
no	98	no +70°C m orHocutenbHO# BiaaxkHoctd 95— 98Y
npu temnepatype	20 A	npu temnepatype +20°C, a TakKe K BO31eHCTBHIO
MeX	6	MeX4aHHYeCKHX BHODaINHOOHHBIX Harpysok Jo 6 g. as to mechanical vibration loads up to 6 g.
TapanTHpOBaHHag JoaroseuHocTbh	500	TapanTHpOBaHHag JoaroseuHocTbh 500 wacos. Service life guarantee: 500 hr.
Published electrical value	3	3JEKTPUYECKHE JAHHBIE
Tlpu U,=	100	Tlpu U,=150V, U,=—50V, R, =100 k.
Published electrical value	2	2) B pexyMme reHepypoBanus. Mamepenne Npou3BOAUTCA B CXeMe OLGOTAKTHOTO reHe-
JIMHUH, HAcTpoehHoro Ha wyacrory	150 V	JIMHUH, HAcTpoehHoro Ha wyacrory 600 MHz npu U, =150 V.
tuned to a frequency of	150 V	tuned to a frequency of 600 MHz at U, =150 V.

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cgc	4 pF	Cgc 103 pF Ceia 1,420,4 pF
NPEAEJNABHO JONMYCTUMBIE	3	NPEAEJNABHO JONMYCTUMBIE 3KCNJAYATALLHOHHBIE JAHHBIE
BBICOKOUACTOTHBIN TPHOX	6	BBICOKOUACTOTHBIN TPHOX 6(I)K
Published electrical value	716.7	@716,7 max

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Hauboabmuit Bec	12	Hauboabmuit Bec 12 e. Maximum weight: 12 gr.

TUBE TINKER

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and their source documents.

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