



ELECTRONIC TUBE REFERENCE

6S1P

Voltage - Triode (under 100V) 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	9
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	11630 Ω
TRANSCONDUCTANCE	0.00146 S
MAXIMUM PLATE VOLTAGE	69 V
MAXIMUM PLATE DISSIPATION	18 W
<i>Published electrical characteristics and permissible ratings promoted where OCR labels were unambiguous; remaining published numeric table entries retained in TUBE_SECTION_PARAMETER.</i>	

High-frequency triode BricokouactoThriét Tpuon 6CII1 mnpennasnaven The 6C1IT high-frequency triode is designed for 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	6C1rII BEICOKOYACTOTHBIA TPHOX,
BricokouactoThriét Tpuon	6	BricokouactoThriét Tpuon 6CII1 mnpennasnaven The 6C1IT high-frequency triode is designed for
Bricokouactotneie Tpuoast	6	Bricokouactotneie Tpuoast 6C1IT Beimycatorcs The 6C1II high-frequency triodes are minia-
Bricokouactotasle tpuoanl	6	Bricokouactotasle tpuoanl 6CIIT ycrofluueel K
B0	6	BO3JEHCTBHIO OKpyXkatouell tTeMneparypsl or —60 The 6C1II high-frequency triodes are resistant
MeXaHWYeCKUX BUOpPaUMOHBBIX HArpysok no	6	MeXaHWYeCKUX BUOpPaUMOHBBIX HArpysok no 6 g. as to mechanical vibration loads up to 6 g.
TapadTtupoBanHas posaroseyHocts	500	TapadTtupoBanHas posaroseyHocts 500 uyacos. Service life guarantee: 500 hr.
Conc	1381342	Conc 1381342
pF Cgra	1.352025 pF	pF Cgra 1,352025 pF
NIPEAEJDBHO JONMYCTUMBIE	3	NIPEAEJDBHO JONMYCTUMBIE 3KCNJAYATAILMOHBBIE JAHBBIE
BbICOKOYACTOTHBIA TPHOL	6	BbICOKOYACTOTHBIA TPHOL, 6 C l rl
Published electrical value	42	42 max
Published electrical value	49	49 max
ARy	7	ARy 7
d ARy	7	d ARy 4Ry 3 7

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Hawu	12	Hawu6onpmuit Bec 12 e Maximum weight: 12 gr.



TUBE TINKER
ELECTRON TUBE DATABASE

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

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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
Source symbol U,	63 V	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol I,	150+10 mA	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol L	<50 pA	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol U,	250 V	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol u,	-7 V	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol Cgra	1.352025 pF	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol C,	1.1035 pF	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Source symbol U,	69 V	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol P,	18 W	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol U,	275 V	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.
Source symbol Uy	20 V	Published bilingual datasheet table; source symbol preserved because OCR/notation may be ambiguous.



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
Published electrical parameter	50 mA	среднее значение вва , 50 мА
Published electrical parameter	800 mA	в импульсе — 800 мА
Dissipation / power	4 V	Мощность, рассеиваемая анодом © радиатором , , 4Вт
Dissipation / power	0.8 V	Мощность, рассеиваемая сеткой . . 0,8 В:
Published electrical parameter	-7 V	при 0н=6,3 В, (0,=250 В, 0,=—7 В
Published electrical parameter	03–150 V	То же в начале характеристики (при 03—150 В
Published electrical parameter	<50 мКА	00с=—50 В, К,= 100 кОи) И, <50 мКА

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	220 mA	Ток эмиссии катода , . . ea , 220 mA
Reverse current	<1 мКА	Обратный ток сетки . . . , , <1 мКА
Published electrical parameter	<20 μA	Ток утечки между катодом и по,югреватечем , , <20 мКА
Published electrical parameter	10 kΩ	Напряжение виброшумов (при В,=10 кОм) , , <300 мВ
Service life	>500 h	Наработка , 2>500 ч
Transconductance	>1.46 mA/V	крутизна характеристики >1,46 mA/V
Plate voltage	275 V	Напряжение анода , , 275 В
Published electrical parameter	90 V	Напряжение между катодом и подогревателем . . 90 В
Dissipation / power	1.8 V	Мощность, рассеиваемая анодом . . . , 1,8 Вт
Published electrical parameter	6 в	0638 иу= 6в К
Published electrical parameter	0 V	/ и „“ +0В / / Р., &
Published electrical parameter	100 Ω	при 0,=6,3 В, 04=150 В, Кк== 100 Ом
Published electrical parameter	0 μA	То же в начале характеристики (при /с=—15В) <?0 мКА
Reverse current	<0.2 μA	Обратный ток сетки (при Шс=—1,5 В). . . . <0,2 мКА
Published electrical parameter	7 V	То же при ив=5,7 В. о о в в я ее е ва 2Ё м /В

TUBE TINKER

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