



ELECTRONIC TUBE REFERENCE

6S4PEV

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Russian high-frequency high-transconductance triode designed for grounded-grid input and wideband amplifier circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 315 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.02 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	3.5 W
Electrical data extracted only from filename-designated Russian tube block; identical dual sections compressed where applicable.	

The 6C4IT-EB high-frequency high-transconductance vakTepuctikyu 6C4I1-EB npeana3naded ans KCnonb3ona- triode has been designed for use in grounded-grid circuits HHsl B CXeMax C 3a3eMJIEHHOH CeTKOH BO BXOMHBIX U LLIM- of input and wide-band amplifiers.



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	315 mA	Published heater current.
Transconductance	20000 μ S	Published characteristic; normalized to μ S.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	250 V	Published limiting/specification value.
Maximum plate dissipation	3.5 W	Published limiting value.



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	100 Ω	при $0_H=6,3$ В, $0_a=150$ В, $K_H=100$ Ом
Published electrical parameter	-6.5 V	(при $0_-=-6,5$ В), мкА . . . — <10 <10

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	5.7 V	То же при ($\varphi=5,7$ В. $>12 >13$ —
Published electrical parameter	0.5 kΩ	$B,=0,5$ кОм), мВ. $<60 <60 < 60$
Published electrical parameter	135 %	Температура баллона лампы, °С. 135 %0 150
Published electrical parameter	7602008 V	0 20 40 60 60 100 120 160760 7602008 В -5 -&=3 —2 —] ГА
Published electrical parameter	500 MHz	тоты в диапазоне до 500 МГц, а также для
Published electrical parameter	220 Ω	при $O_n=6,3$ В, $I_n=120$ В, $B_k=220$ Ом

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