

ELECTRONIC TUBE REFERENCE

6N23PEV

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Improved-reliability Russian broadband double triode for wide-band amplification, low-noise high-frequency mixing, low-power amplification, and pulse-oscillator circuits, with a published 5000-hour service life.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 310 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0125 S
AMPLIFICATION FACTOR	32.5
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	20 mA
Two electrically identical triodes; represented by one section row under identical-section compression.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.0125 S
AMPLIFICATION FACTOR	32.5
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Second physical triode restored.</i>	

The 6H23I1-EB double triode has been designed to 60Tb1 B KAYECTBE LIMPOKOMNOIOCHOIO YCHIIKTENA U CMECH- function as a wide-band amplifier and a low-noise high- TeJs1s BBICOKO#M YacTOTH1 C HU3KHM YPOBHEM LUYSOB B CXe- -frequency mixer in low-power amplifier and pulse os- Max MaJOMOLUHBIX YCHIUTeNeH U reHepaTopoB HMIYIlb- cillator circuits of electronic devices.



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 nominal heater condition.
Heater current	310 mA	Published heater current.
Transconductance	12500 μ S	Published characteristic; normalized to μ S.
Amplification factor	32.5	Published characteristic.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	300 V	Published limiting operating value.
Maximum plate dissipation	2 W	Published limiting operating 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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published nominal heater condition.
Heater current	310 mA	Published heater current.

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	15 mA	Published basic-parameter operating point.
Transconductance	12500 μS	Published basic-parameter value; normalized to μ S.
Amplification factor	32.5	Published basic-parameter value.
Service life	5000 h	Published service-life figure.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	300 V	Published limiting operating value.
Maximum cathode current	20 mA	Published limiting cathode-current value.
Maximum plate dissipation	2 W	Published per-triode plate dissipation.

TUBE TINKER

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