



ELECTRONIC TUBE REFERENCE

6S46GV

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

High-frequency triode for wideband amplification, oscillation, conversion, or RF power service in VHF/UHF electronic equipment.

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

SECTION1 Triode	
TRANSCONDUCTANCE	0.02 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	4.5 W
MAXIMUM CATHODE CURRENT	100 mA
Electrical data extracted only from filename-designated Russian tube block; identical dual sections compressed where applicable.	

6S46GV: Russian-source high-frequency triode; technical description translated to English.

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	225 V	23 50 75 100 785 730 200 225 В -3 -2 -7 0
Reverse current	<0.4 μ A	Обратный ток сетки . <0,4 мкА
Published electrical parameter	<40 μ A	Ток утечки между катодом и подогревателем * <40 мкА
Transconductance	20-71 mA/V	Крутизна характеристики ° 20-71 мА/В
Published electrical parameter	>12 mA/V	То же при $I_{\text{н}}=5,7$ В. * > 12 мА/В
Heater voltage	5.7-7 V	Напряжение накала 5,7—7 В
Plate voltage	250 V	Напряжение анода , 250 В
Published electrical parameter	8330 V	То же при запертой лампе. , .. , 8330 В
Published electrical parameter	75 V	Напряжение сетки отрицательное . . . , 75 В
Published electrical parameter	150 V	Напряжение между катодом и подогревателем , , 150 В
Cathode current	100 mA	Ток катода . . . к, 100 мА
Dissipation / power	4.5 V	Мощность, рассеиваемая анодом ее 4,5 Вт
Resistance	0.25 M Ω	Сопротивление в цепи сетки. , 0,25 МОм
Published electrical parameter	10-2000 Hz	10—2000 Гц . . . те о 10 д

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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