



ELECTRONIC TUBE REFERENCE

6J10B

Voltage Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Russian pentode documented in technical reference literature; available source does not clearly establish a narrower application beyond pentode amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 220 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.005 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	2.1 W
MAXIMUM SCREEN DISSIPATION	1.3 W
MAXIMUM CATHODE CURRENT	28 mA
<i>Electrical data extracted only from filename-designated tube block.</i>	

6J10B: Russian pentode vacuum tube; source 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 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	100 Ω	при $0a=6,3$ В, ($= 120$ В, $0сз==120$ В, $Осз=0$ В, $Вк==100$ Ом
Published electrical parameter	15 V	ки (при $сз=-15$ В), мкА — <100 « 100 $<<100$
Published electrical parameter	5.7 V	по 1-й сетке при $Овн==5,7В >3,1 >3, 1 —$
Published electrical parameter	-8 V	$=-8$ В. ,. . , $1,5-0 1;5_0,7 1,5_0'7$
Published electrical parameter	2 V	$=-2$ В и $0.3=20$
Published electrical parameter	2 kΩ	В, $=2$ кОм), $м <<270$ « <270 $<<270$
Published electrical parameter	1 a	и 6ЖТБ-В 62Н106-В 1а 6
Published electrical parameter	6.3 V	иу= 68 В ин=6,3 В /
Published electrical parameter	720 V	76 сг =120В - (а = 720В (Ы
Published electrical parameter	120 V	$=-1,58$ Чсг=120В /
Published electrical parameter	160 V	0020 80 60 80 100 120 1740 160 В 86 -5 —& — 3 -2
Published electrical parameter	80 Ω	при $П,,=6,3$ В, [32200 В, $Пс2=100$ В, исз=0 В, Ки=80 Ом
Published electrical parameter	03–57 V	по 1-й сетке при 03—57 В ож во $>6 —$

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	700 OM	== 700 OM), MB . э я в вОВОВЪЕЕВ <70 <70