ELECTRONIC TUBE REFERENCE

6V4P

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

Russian small-signal pentode whose available source supports amplifier service but does not establish a narrower specialized application.

General characteristics

BASE DESIGNATION	B9A	**BASE PINS**	9
NOMINAL HEATER	– / –	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

MAXIMUM PLATE DISSIPATION	1.7 W

Filename-matched Russian source entry only.

Russian pentode vacuum tube. Technical characteristics and ratings are taken from the complete filename-matched source entry.

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
Heater current	**120320 mA**	Translated from Russian source; Ток накала . . . . (120320) МА
Plate current	**1235 mA**	Translated from Russian source; Ток анода . . . . (1235) мА
Transconductance	**-0.6 mA/V**	Translated from Russian source; Крутизна характеристики . . . . . , (1,9--0,6) мА/В
Output capacitance	**0.35 pF**	Translated from Russian source; ВЫХОДНаЯ , , „ . вю в ва в е , (2,65-0,35) пФ
Transconductance	**1 mA/V**	Translated from Russian source; крутизна характеристики , , , . . , . , 1 мА/В

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	**21000 h**	Translated from Russian source; Наработка . . . . , , ... , 21000 ч
Heater voltage	**1.32 V**	Translated from Russian source; Напряжение накала . . . . ,. . 1,08—1,32
Plate voltage	**150 V**	Translated from Russian source; Напряжение анода . . . . . .з аееа , 150 В
Plate dissipation	**1.7 W**	Translated from Russian source; Мощность, рассеиваемая анодом РЕ з,. 1,7 Вт

TUBE TINKER

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

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