



ELECTRONIC TUBE REFERENCE

6J43PDR

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Specialized Russian miniature pentode for voltage amplification in radio-electronic equipment. Manufacturer documentation identifies a general signal-amplifier role but does not provide sufficiently specific functional wording to justify a narrower category.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 440 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM SCREEN DISSIPATION	1.35 W
MAXIMUM CATHODE CURRENT	46 mA
<i>Values promoted where clearly identifiable from Russian source.</i>	

Specialized miniature pentode for voltage amplification in radio-electronic equipment.

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen current	2.5 mA	Published Russian-source value; OCR-normalized.
Plate resistance	36 kΩ	Published Russian-source value; OCR-normalized.
Input capacitance	2 pF	Published Russian-source value; OCR-normalized.
Output capacitance	0.5 pF	Published Russian-source value; OCR-normalized.
Transfer capacitance	0.04	Published Russian-source value; OCR-normalized.
Service life	10000 h	Published Russian-source value; OCR-normalized.
Transconductance	8 μS	Published Russian-source value; OCR-normalized.
Heater current	30 mA	Nominal/published heater value.

TUBE TINKER

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