



ELECTRONIC TUBE REFERENCE

6J21P

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Russian cathode-grid pentode designed for wideband RF preamplification and electronic switching circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 350 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	60000 Ω
TRANSCONDUCTANCE	0.0155 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	2.5 W
MAXIMUM SCREEN DISSIPATION	0.75 W
<i>Promoted ratings and characteristics translated from the filename-designated Russian entry only.</i>	

The 6J21P is a Russian cathode-grid pentode for wideband RF preamplifiers and switching circuits. The source entry was translated to English and processed independently from neighboring partial entries.



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
Nominal heater voltage	6.3 V	Published source value
Nominal heater current	350 mA	Published source value
Transconductance	15500 μ S	Published operating point
Plate resistance	60000 Ω m	Published operating point

TUBE TINKER

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and their source documents.

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