ELECTRONIC TUBE REFERENCE

# 6J1P

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA
**1 SECTION**
CONSTRUCTION
**PENTODE**

High-frequency pentode designed for RF or wideband voltage amplification in radio-electronic equipment.

## General characteristics

| | | | |
|---|---|---|---|
| **BASE DESIGNATION** | – | **BASE PINS** | 7 |
| **NOMINAL HEATER** | 6.3 V / 170 mA | **PARALLEL HEATER** | – / – |
| **HEATING** | Indirect | **SERIES OPERATION** | Not specified |
| **CATHODE ARRANGEMENT** | Separate cathodes | **SECTION CONSTRUCTION** | Similar |

## Section ratings

**SECTION1** Pentode

| | |
|---|---|
| **PLATE RESISTANCE** | 300000 Ω |
| **TRANSCONDUCTANCE** | 0.00515 S |
| **MAXIMUM PLATE VOLTAGE** | 200 V |
| **MAXIMUM SCREEN VOLTAGE** | 150 V |
| **MAXIMUM PLATE DISSIPATION** | 1.8 W |
| **MAXIMUM SCREEN DISSIPATION** | 0.55 W |
| **MAXIMUM CATHODE CURRENT** | 20 mA |

*Promoted ratings and characteristics translated from the filename-designated Russian entry only.*

The 6J1P is a Russian miniature high-frequency pentode for RF voltage amplification. 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 |
|---|---|---|
| Guaranteed service life | **2000 h** | Published source value |
| Nominal heater voltage | **6.3 V** | Published source value |
| Nominal heater current | **170 mA** | Published source value |
| Transconductance | **5150 uS** | Published operating point |
| Plate resistance | **300000 Ohm** | Published operating point |

TUBE TINKER

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