ELECTRONIC TUBE REFERENCE

# 4JK6

Voltage - Pentode Sharp Cutoff (single) electronic tube

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

Sharp-cutoff pentode designed for television IF, picture-IF, video, or VHF tuner amplifier service.

## General characteristics

| | | | |
|---|---|---|---|
| BASE DESIGNATION | — | BASE PINS | 9 |
| NOMINAL HEATER | 3.7 V / 600 mA | PARALLEL HEATER | — / — |
| HEATING | Indirect | SERIES OPERATION | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar |

## Section ratings

| SECTION1 Pentode | |
|---|---|
| PLATE RESISTANCE | 150000 Ω |
| TRANSCONDUCTANCE | 0.018 S |
| MAXIMUM PLATE VOLTAGE | 275 V |
| MAXIMUM SCREEN VOLTAGE | 275 V |
| MAXIMUM PLATE DISSIPATION | 2.5 W |
| MAXIMUM SCREEN DISSIPATION | 0.6 W |
| MAXIMUM CATHODE CURRENT | 22 mA |

*Published maximum ratings and characteristics promoted semantically from the approved source.*

4JK6 is an explicitly covered designation on the 6JK6 source sheet. Sharp-cutoff miniature pentode for color-television IF-amplifier service.

SOURCE OPERATING CONDITIONS

# 1950 Sylvania

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1950 SYLVANIA

## Section 1 · Pentode

| CHARACTERISTIC | | |
|---|---|---|
| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
| Plate Resistance | 150000 ohm | — |
| Transconductance | 18000 µS | — |

| OTHER | | |
|---|---|---|
| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
| Maximum Plate Voltage | 275 V | — |
| Maximum Screen Voltage | 275 V | — |
| Maximum Plate Dissipation | 2.5 W | — |
| Maximum Screen Dissipation | 0.6 W | — |
| Maximum Cathode Current | 22 mA | — |
| Plate Voltage | 125 V | ClassA |
| Plate Current | 11.5 mA | ClassA |
| Screen Current | 3.9 mA | ClassA |

TUBE TINKER

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

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