



ELECTRONIC TUBE REFERENCE

4JL6

Voltage - Pentode Remote Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Semi-remote-cutoff pentode designed for AGC-controlled television picture-IF or related television amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	4.2 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	120000 Ω
TRANSCONDUCTANCE	0.0155 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
<i>Published maximum ratings and characteristics promoted semantically from the approved source.</i>	

4JL6 is an explicitly covered designation on the 6JL6 source sheet. Semi-remote-cutoff frame-grid pentode with very high transconductance for AGC-controlled television IF amplifiers.



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	120000 ohm	—
Transconductance	15500 μ S	—

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
Screen Voltage	60 V	AGC-controlled IF service
Plate Current	12.5 mA	ClassA

TUBE TINKER

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and their source documents.

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