



ELECTRONIC TUBE REFERENCE

6JE6

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

The 6JE6 is a high-power beam output tube developed for television horizontal sweep applications. Its robust cathode and beam-forming electrodes support the high peak currents and voltages encountered in line-deflection circuits. The tube operates with a 6.3-volt, high-current heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	5500 Ω
TRANSCONDUCTANCE	0.0105 S
MAXIMUM PLATE VOLTAGE	990 V
MAXIMUM SCREEN VOLTAGE	190 V



SOURCE OPERATING CONDITIONS

1970 Sylvania Technical Manual

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

1970 SYLVANIA TECHNICAL MANUAL

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	175 V	—
Grid Voltage	-25 V	—
Plate Current	115 mA	—

TUBE TINKER

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and their source documents.

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