ELECTRONIC TUBE REFERENCE

6JW6

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

High-perveance beam-power tube designed for television horizontal-deflection amplifier service.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	9
NOMINAL HEATER	6.3 V / 600 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Beam Power

MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	11.5 W
MAXIMUM SCREEN DISSIPATION	1 W

Published ratings/characteristics promoted from supplied source; additional conditions retained in parameter table.

High-perveance beam-power tube for television horizontal-deflection amplifier service.

SOURCE OPERATING CONDITIONS

1964 RMA EIA

SOURCE PDF

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

1964 RMA EIA

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater Voltage	**6.3 V**	—
Heater Current	**600 mA**	—
Grid1 To Plate Capacitance	**0.13 pF**	—
Input Capacitance	**16 pF**	—
Output Capacitance	**5 pF**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate Dissipation Maximum	**11.5 W**	—
Screen Dissipation Maximum	**1 W**	—
Plate Voltage Maximum	**400 V**	—
Grid1CircuitResistanceMaximum	**0.25 Mohm**	—

TUBE TINKER

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

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker