



ELECTRONIC TUBE REFERENCE

24JE6A

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power tube designed for television horizontal-deflection and related power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	24 V / 450 mA	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
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM SCREEN DISSIPATION	3.2 W
<i>Supplied 24JE6A sheet identifies this as a heater-voltage variant of 6JE6A. Promoted beam-power electrical fields were populated from the exact parent-type technical data; heater values remain specific to the supplied 24JE6A sheet.</i>	

Beam-power tube for television horizontal-deflection or power-amplifier service. Heater characteristics come from the supplied variant sheet; exact parent electrical characteristics are reused only when the explicitly referenced parent datasheet is already present in the project corpus.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	24 V	Nominal heater rating from supplied sheet
Heater current	450 mA	Nominal heater rating from supplied sheet
Plate resistance	5500 ohm	ExactParentElectricalData 6JE6A
Transconductance	10500 uS	ExactParentElectricalData 6JE6A

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	990 V	ExactParentElectricalData 6JE6A
Maximum screen-grid voltage	190 V	ExactParentElectricalData 6JE6A
Maximum plate dissipation	30 W	ExactParentElectricalData 6JE6A
Maximum screen-grid dissipation	3.2 W	ExactParentElectricalData 6JE6A

TUBE TINKER

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and their source documents.

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