



ELECTRONIC TUBE REFERENCE

6287

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Specialized beam-power pulse tube designed for high-current short-duration amplifier service, with pulse ratings substantially exceeding its continuous operating capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	9CT	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

SECTION 1 Beam Power	
PLATE RESISTANCE	55000 Ω
TRANSCONDUCTANCE	0.0041 S
MAXIMUM PLATE VOLTAGE	275 V
MAXIMUM SCREEN VOLTAGE	275 V
MAXIMUM PLATE DISSIPATION	13.2 W
MAXIMUM SCREEN DISSIPATION	3.2 W
MAXIMUM CATHODE CURRENT	85 mA
<i>Promoted from clearly identified printed ratings/characteristics; additional published operating points and capacitances retained in TUBE_SECTION_PARAMETER.</i>	

Miniature audio beam-power pentode characterized by long life and stable performance, suitable for severe mechanical shock and vibration.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Audio operating plate voltage	250 V	AudioAmplifier
Audio operating screen voltage	250 V	AudioAmplifier
Audio power output	4.5 W	AudioAmplifier



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Beam Power

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	8 pF	Section1
Output capacitance	9 pF	Section1
Grid-to-plate capacitance	1.1 pF	Section1

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen voltage	250 V	ClassA
Control-grid voltage	-12.5 V	ClassA
Plate current	46 mA	ClassA
Screen current	5 mA	ClassA
Load resistance	6000 Ω	ClassA
Power output	4.5 W	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	55000 Ω	ClassA
Transconductance	4100 μS	ClassA

TUBE TINKER

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and their source documents.

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