



ELECTRONIC TUBE REFERENCE

1T5GT

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power amplifier designed for low-voltage battery-operated audio-output service, with published Class-A operation producing approximately 0.17 watt.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6X	BASE PINS	7
NOMINAL HEATER	1.4 V / 50 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	250000 Ω
TRANSCONDUCTANCE	0.00115 S
MAXIMUM PLATE VOLTAGE	110 V
MAXIMUM SCREEN VOLTAGE	110 V
MAXIMUM CATHODE CURRENT	7.3 mA
Beam-power amplifier for low-voltage battery-operated audio output service.	

Beam-power amplifier for low-voltage battery-operated audio output service. Electrical ratings and representative operating data were extracted from the approved manual page.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	4.8 pF	—
Output capacitance	8 pF	—
Grid-to-plate capacitance	0.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	90 V	ClassA; OperatingPoint1
Screen voltage	90 V	ClassA; OperatingPoint1
Control-grid bias	6 V	ClassA; OperatingPoint1
Plate current	6.5 mA	ClassA; OperatingPoint1
Screen current	0.8 mA	ClassA; OperatingPoint1
Load resistance	14000 ohm	ClassA; OperatingPoint1
Power output	0.17 W	ClassA; OperatingPoint1

TUBE TINKER

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and their source documents.

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