



ELECTRONIC TUBE REFERENCE

5B254G

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power amplifier in the 5B254 family, providing approximately 25 watts plate dissipation for audio and radio-frequency power applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 900 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	33000 Ω
TRANSCONDUCTANCE	0.008 S
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM CATHODE CURRENT	125 mA
Beam-power amplifier; promoted from published Class A family data.	

The 5B254G is a beam-power amplifier in the 5B254 family, electrically based on the 5B254M characteristics.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Beam Power

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitances published	1	See source table for individual capacitances



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Beam Power

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	350 V	ClassA
Anode Current	54 mA	ClassA
Screen Voltage	250 V	ClassA
Screen Current	2.5 mA	ClassA
Optimum Load	4200 ohm	ClassA
Power Output	11 W	ClassA

TUBE TINKER

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

