ELECTRONIC TUBE REFERENCE

5B254M

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Beam-power amplifier of the 5B254 family, serving audio and radio-frequency power applications with the family's published electrical characteristics.

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

SECTION1 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
Explicit alias/equivalent/co-designation printed in source for 5B254G.	

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

SOURCE OPERATING CONDITIONS

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 DATA APPENDIX

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