ELECTRONIC TUBE REFERENCE

8032

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

The RCA 8032 is an indirectly heated beam power tube developed for continuous-wave radio-frequency amplification. Its high transconductance and low grid-to-plate capacitance support operation at VHF frequencies. The tube uses a 13.5-volt heater and is subject to frequency-dependent input-power ratings.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	13.5 V / 585 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Beam Power

TRANSCONDUCTANCE	0.007 S
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	25 W

SOURCE OPERATING CONDITIONS

9999 Mixed C 1000

SOURCE PDF

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

9999 MIXED C 1000

Section 1 · Beam Power

CAPACITANCE		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Grid To Plate Capacitance	**0.24 pF**	—
Input Capacitance	**13 pF**	—
Output Capacitance	**8.5 pF**	—

TUBE TINKER

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