

ELECTRONIC TUBE REFERENCE

8298

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

VHF beam-power pentode designed for RF amplifier and oscillator service, also usable as an audio amplifier or modulator.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.75 V / 1.165 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM CATHODE CURRENT	135 mA
Published electrical limits and characteristics promoted from the approved source; non-schema quantities are retained in TUBE_SECTION_PARAMETER.	

VHF beam-power pentode for RF amplifier and oscillator service, also usable as an audio amplifier or modulator.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.75 V	Nominal
HeaterCurrentNominal	1.165 A	Nominal
MaximumPlateOrOperatingVoltage	750 V	—
Maximum Screen Voltage	250 V	—
Maximum Plate Dissipation	25 W	—
Maximum Cathode Current	135 mA	—
HeaterVoltageNominal	6.75 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakSignalPowerOutput	90 W	ICAS RF power amplifier

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker