



ELECTRONIC TUBE REFERENCE

264

Power - Beam (NOT sweep) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

EIMAC ceramic-metal forced-air-cooled radial-beam power pentode rated for 3000 watts plate dissipation and broad-band Class-AB linear-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6 V / 17 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.037 S
MAXIMUM PLATE VOLTAGE	5000 V
MAXIMUM SCREEN VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	3000 W
MAXIMUM SCREEN DISSIPATION	50 W
MAXIMUM GRID DISSIPATION	2 W

The EIMAC 264 is the co-designated 264/8576 ceramic/metal forced-air-cooled radial-beam pentode, rated for 3000 W plate dissipation and broad-band Class-AB linear-amplifier service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Suppressor Voltage	100 V	—
Maximum DC Grid Voltage	-260 V	—
Maximum DC Plate Current	2 A	—
Useful Output Power	5500 W	ClassAB1; GridDriven; 5000V Plate

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency for Maximum Ratings	30 MHz	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	55 pF	—
Output Capacitance	18 pF	—
Feedback Capacitance	0.13 pF	—

TUBE TINKER

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and their source documents.

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