



ELECTRONIC TUBE REFERENCE

8930

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Rugged radial-beam power tetrode with enlarged anode radiator, capable of operation to about 500 MHz and approximately 350 W Class-AB output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8-236	BASE PINS	9
NOMINAL HEATER	6 V / 2.6 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
AMPLIFICATION FACTOR	5
MAXIMUM PLATE VOLTAGE	2400 V
MAXIMUM SCREEN VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	350 W
MAXIMUM SCREEN DISSIPATION	12 W
MAXIMUM GRID DISSIPATION	2 W
<i>Promoted values are taken from printed General Characteristics / Maximum Ratings. Additional published conditions and operating data are preserved in parameters.</i>	

Rugged high-perveance radial-beam power tetrode; electrically identical to 7589W/4CX250R but with larger anode radiator.

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 · Tetrode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	17.5 pF	—
Output Capacitance	4.9 pF	—
Feedback Capacitance	0.04 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency Maximum	500 MHz	—
Maximum DC Plate Current	250 mA	—
Typical Plate Voltage	2000 V	ClassAB1
Typical Screen Voltage	350 V	ClassAB1
Typical Single-Tone Useful Output Power	350 W	ClassAB1
Typical Audio Push-Pull Output Power	595 W	ClassAB1;PushPull;TwoTubes

TUBE TINKER

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and their source documents.

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