

ELECTRONIC TUBE REFERENCE

8904

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Compact rugged radial-beam tetrode, co-designated 4CX350FJ, for RF power amplification with 350 W plate dissipation and plate ratings to approximately 2.5 kV.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8-236	BASE PINS	9
NOMINAL HEATER	26.5 V / 650 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.022 S
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	350 W
MAXIMUM SCREEN DISSIPATION	8 W
Promoted values are taken from printed General Characteristics / Maximum Ratings. Additional published conditions and operating data are preserved in parameters.	

Compact rugged radial-beam tetrode; shared 8904/4CX350FJ designation.



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	22 pF	—
Output Capacitance	5.9 pF	—
Feedback Capacitance	0.033 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Plate Current	300 mA	ClassAB1
Typical Plate Voltage	2200 V	ClassAB1
Typical Screen Voltage	400 V	ClassAB1
Typical Useful Output Power	250 W	ClassAB1

TUBE TINKER

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