



ELECTRONIC TUBE REFERENCE

4CW2000A

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Water-cooled ceramic-metal radial-beam tetrode designed for linear, audio-frequency, and radio-frequency power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 16 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
AMPLIFICATION FACTOR	4.5
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM SCREEN VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	2000 W
MAXIMUM SCREEN DISSIPATION	50 W
MAXIMUM GRID DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	1.5 A
<i>Promoted from printed general-characteristics and maximum-ratings blocks.</i>	

The EIMAC 4CW2000A is a water-cooled ceramic/metal radial-beam tetrode for linear, audio and rf amplifier service.

SOURCE OPERATING CONDITIONS

1962 Eimac

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

1962 EIMAC

Section 1 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	4.5	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC plate voltage	6000 V	—
Maximum DC screen voltage	1000 V	—
Maximum plate dissipation	2000 W	—
Maximum screen dissipation	50 W	—
Maximum grid dissipation	5 W	—
Maximum cathode/plate current	1.5 A	—