

Communications & Power Industries Tetrode



The 4CW100,000E is ideal for use as a Class C RF amplifier or oscillator, a Class AB RF linear amplifier, or a Class AB push-pull AF amplifier or modulator as well as a plate and screen-modulated Class C RF amplifier. In pulse modulator service, it can deliver a peak output of 4 megawatts. The tube is characterized by low input and feedback capacitances and low internal lead inductances.

FEATURES:

Maximum plate dissipation:	100,000 Watts
Maximum screen dissipation:	1,750 Watts
Maximum grid dissipation:	500 Watts
Frequency for max rating (CW):	108 MHz
Amplification factor:	---
Filament/cathode:	Thoriated Tungsten
Voltage:	15.5 Volts
Current:	215 Amps
Capacitance: Grounded cathode	
Input:	370.0 pF
Output:	60.0 pF
Feedthrough:	1.0 pF
Capacitance: Grounded grid	
Input:	175.0 pF
Output:	60.0 pF
Feedthrough:	0.35 pF
Cooling:	Water and Forced Air
Base:	Special Coaxial
Air Socket:	SK-2011A
Air Chimney:	---
Boiler:	---
Length:	12.82 in; 325.60 mm
Diameter:	9.53 in; 242.10 mm
Weight:	38.5 lb; 17.5 kg

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Industrial

With a history of producing high quality products, we can help you with your tetrode.

Contact us at MPPMarketing@cpii.com or call us at +1 650-846-2800. The data should be used for basic information only.

Formal, controlled specifications may be obtained from CPI for use in equipment design.



**Microwave Power
Products Division**
811 Hansen Way
Palo Alto, California
USA 94304

tel +1 650-846-2800
fax +1 650-856-0705
email MPPMarketing@cpii.com
web www.cpii.com/MPP

For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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