

## Communications & Power Industries Tetrode



The 4C350FJ/8904 is intended for Class AB linear RF amplifier service. The tube has rugged internal construction features. The 4CX350FJ/8904 may be used as an exact replacement for the 4CX350F/8322 in most linear applications, requiring only minor circuit adjustment and retuning. The tube has improved intermodulation distortion characteristics. It contains a 26.5 volt heater and is recommended for new equipment designs.

### FEATURES:

Maximum plate dissipation:	350 Watts
Maximum screen dissipation:	8 Watts
Maximum grid dissipation:	0 Watts
Frequency for max rating (CW):	110 MHz
Amplification factor:	17
Filament/cathode:	Oxide Coated
Voltage:	26.5 Volts
Current	0.65 Amps
Capacitance: Grounded cathode	
Input:	22.0 pF
Output:	5.9 pF
Feedthrough:	0.3 pF
Capacitance: Grounded grid	---
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Forced Air
Base:	9-Pin Special
Air Socket:	SK-600A
Air Chimney:	SK-606
Boiler:	---
Length:	2.46 in; 62.60 mm
Diameter:	1.64 in; 41.60 mm
Weight:	4 oz; 113 gm

### BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

### APPLICATIONS:

- Communications

Class of Operation	Type of Service	MAXIMUM RATINGS		TYPICAL OPERATION				
		Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
AB1	RF linear amplifier	2,500	0.30	2,200	400	0.23	---	0.250

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

Contact us at [MPPMarketing@cpii.com](mailto: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](mailto:MPPMarketing@cpii.com)  
web [www.cpii.com/MPP](http://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.

©2020 Communications & Power Industries LLC.  
Company proprietary: use and reproduction is strictly prohibited without written authorization from CPI.