

## Communications & Power Industries Tetrode



The 8560AS is intended for use as an RF amplifier or oscillator or in audio amplifier or modulation service. It has electrical characteristics similar but not identical to the 4CX250B/7203. The 8560AS is designed for conduction cooling and is nominally rated for 200 watts anode dissipation.

### FEATURES:

Maximum plate dissipation:	200 Watts
Maximum screen dissipation:	12 Watts
Maximum grid dissipation:	2 Watts
Frequency for max rating (CW):	500 MHz
Amplification factor:	5
Filament/cathode:	Oxide Coated
Voltage:	6.3 Volts
Current:	2.6 Amps
Capacitance: Grounded cathode	
Input:	16.5 pF
Output:	4.6 pF
Feedthrough:	.04 pF
Capacitance: Grounded grid	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Conduction
Base:	9-Pin Special
Air Socket:	n/a
Air Chimney:	---
Boiler:	---
Length:	2.45 in; 62.1 mm
Diameter:	1.63 in; 41.4 mm
Weight:	8.2 oz; 235 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)
C	RF amplifier	2,000	0.25	2,000	250	0.25	2.9	0.390
C	RF amplifier plate modulated	1,500	0.20	1,500	250	0.20	1.7	0.235
AB1	RF linear amplifier	2,000	0.25	2,000	350	0.25	---	0.300
AB1	RF amplifier or modulator	2,000	0.25	2,000	350	0.50	---	0.600

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.

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