350 W RADIAL BEAM POWER TETR0DE 8930

Communications & Power Industries Tetrode

The 8930 is electrically identical to the 4CX250R/7580W, but the larger anode radiator assembly allows higher dissipation with low air flow and pressure drop characteristics. The tube has rugged internal construction features for reliable operation under heavy shock and vibration conditions.

FEATURES:

Maximum plate dissipation:	350 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:	6.0 Volts
Current:	2.6 Amps
Capacitance: Grounded cathode	
Input:	17.5 pF
Output:	4.9 pF
Feedthrough:	.03 pF
Capacitance: Grounded grid	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Forced Air
Base:	9 Pin Special
Air Socket:	SK-600A
Air Chimney:	SK-646
Boiler:	---
Length:	2.46 in; 62.60 mm
Diameter:	2.08 in; 52.80 mm
Weight:	5.5 oz; 156 gm

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Communications

		MAXIMUM RATINGS		TYPICAL OPERATION				
Class of Operation	Type of Service	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	2,400	0.25	2,000	350	0.29	---	0.350
AB1	RF Linear Amplifier AM Service	2,000	0.25	2,000	400	0.17	4	0.65
AB1	AF Amplifier or Modulator	2,000	0.25	2,000	350	0.50	---	0.595

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.

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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.