Communications & Power Industries

8930

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 or vibration conditions.

CHARACTERISTICS

Plate Dissipation (Max.)	350 Watts
Screen Dissipation (Max.)	12 Watts
Grid Dissipation (Max.)	2 Watts
Frequency for Max. rating (CW)	500 MHz
Amplification Factor	5
Filament/Cathode	Oxide Coataed
Voltage	6.0 Volts
Current	2.6 Amps
Capacitance	Grounded Cathode
Input	17.5 pf
Output	4.9 pf
Feedthrough	.03 pf
Capacitance	N/A
Input	N/A
Output	N/A
Feedthrough	N/A
Cooling	Forced Air
Base	9-Pin Special
Air Socket	SK-600A
Air Chimney	SK-646
Boiler	N/A
Length	2.46 in; 62.60 mm
Diameter	2.08 in; 52.80 mm
Weight	5.5 oz; 156 gm

		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

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

For information on this and other CPI MPP products, visit our website at: **www.cpii.com**,
or contact: CPI Microwave Products Division, Eimac Operation,607 Hansen Way, Palo Alto, CA 94303
TELEPHONE: 1(800) 414-8823. **FAX:** (650) 592-9988 | **EMAIL:** powergrid@cpii.com