

Communications & Power Industries Pentode



The 8295A is a radial beam pentode intended for use as a linear amplifier. The anode is forced-air cooled and has a maximum dissipation rating of one kilowatt.

FEATURES:

Maximum plate dissipation:	1,000 Watts
Maximum screen dissipation:	30 Watts
Maximum grid dissipation:	0.5 Watts
Frequency for max rating (CW):	30 MHz
Amplification factor:	3.4
Filament/cathode:	Oxide Coated
Voltage:	6.0 Volts
Current:	8.2 Amps
Capacitance: Grounded cathode	
Input:	40.0 pF
Output:	18.5 pF
Feedthrough:	0.9 pF
Capacitance: Grounded grid	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Forced Air
Base:	7-Pin Special
Air Socket:	SK-184, SK-184A
Air Chimney:	---
Boiler:	---
Length:	5.05 in; 12.8 cm
Diameter:	4.03 in; 10.2 cm
Weight:	2.8 lb; 1.27 kg

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Science

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	3,000	0.8	3,000	500	0.8	50	1.7

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

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.

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