

The 3CX3000F1/8239 is identical to the 3CX3000A1/8238 except for the addition of flexible filament and grid leads on the base which can simplify some installations.



## CHARACTERISTICS

Plate Dissipation (Max.)	4,000 Watts
Screen Dissipation (Max.)	---
Grid Dissipation (Max.)	50 Watts
Frequency for Max. rating (CW)	--- MHz
Amplification Factor	5
Filament/Cathode	Thoriated Tungsten
Voltage	7.5 Volts
Current	51.5 Amps
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	Flexible Leads
Air Socket	---
Air Chimney	---
Boiler	---
Length	18.44 in; 464.40 mm
Diameter	4.16 in; 105.70 mm
Weight	7.5 lb ; 3.4 kg

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	Grid driven AF amplifier or modulator	6,000	2.5	5,500	---	2.2	---	8.25

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.



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