

The 3CX1200A7 is a high-mu, forced air cooled, rugged power triode intended for use as a zero bias Class AB2 RF amplifier to 110 MHz.



## CHARACTERISTICS

Plate Dissipation (Max.)	1,200 Watts
Screen Dissipation (Max.)	---
Grid Dissipation (Max.)	50 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	200
Filament/Cathode	Thoriated Tungsten
Voltage	7.5 Volts
Current	21.0 Amps
Capacitance	Grounded Cathode
Input	20.0 pf
Output	0.2 pf
Feedthrough	12 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	5 Pin Special
Air Socket	SK-410
Air Chimney	SK-436
Boiler	---
Length	6.0 in; 147.0 mm
Diameter	2.91 in; 73.1 mm
Weight	2.5 lb ; 1.1 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)
AB	RF linear amplifier	5,000	0.8	3,600	---	0.7	85	1.5

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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