

# POWER TRIODE

SHORT FORM SPECIFICATION

# 3CX5000A3

Plate Dissipation (Max.)	5000 W
Grid Dissipation (Max.)	100 W
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	18
Filament/Cathode	Thoriated Tungsten
Voltage	7,5 V
Current	75,0 A
Capacitance	Grounded Cathode
Input	51,0 pF
Output	1,5 pF
Feed through	25,0 pF
Cooling	Forced Air
Base	Special, Coaxial
Air Socket	SK-1300
Air Chimney	SK-1316
Length	8,75 in; 222,20 mm
Diameter	6,40 in; 162,70 mm
Weight	9,5 lb; 4,3 kg



Operating Position                      Vertical, base up or down

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 (Watts)
C	Grid Driven RF Amplifier	7500	3,	----	---	----	----	----
C	Grid Driven RF Amplifier Plate Modulated	5000	2,5	----	---	----	----	----
C	RF Industrial Oscillator	10000	3,0	9000	---	2,5	208	18600
AB	Grid Driven Amplifier or Modulator	7500	4,0	----	---	----	----	-----



## TUNGSTEN VACUUM ELECTRONICS

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