

POWER TRIODE

SHORT FORM SPECIFICATION

3CX2500F3/8251

Plate Dissipation (Max.)	4000 W
Grid Dissipation (Max.)	150 W
Frequency for Max. rating (CW)	75 MHz
Amplification Factor	20
Filament/Cathode	Thoriated Tungsten
Voltage	7,5 V
Current	51,5 A
Capacitance	Grounded Cathode
Input	35,0 pF
Output	0,9 pF
Feed through	20,0 pF
Cooling	Forced Air
Base	Flexible Leads
Air Socket	
Air Chimney	
Length	18,44 in; 468,4 mm
Diameter	4,16 in; 105,7 mm
Weight	7,5 lb; 3,4 kg



Operating Position Vertical, base up or down

Class of Operation	Type of Service	Maximum Ratings			Typical Operation			Output Power (Watts)
		Plate Voltage (Volts)	Plate current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	
C	RF Industrial Oscillator	6000	2,5	6000	---	2,1	136	10000
C	Grid Driven RF Amplifier	6000	2,5	6000	---	2,1	136	10000
C	Grid Driven RF Amplifier Plate Modulated	5500	2,0	5000	---	1,3	115	5300
AB	Grid Driven AF Amplifier or Modulator	6000	2,5	6000	---	3,0	113	13000



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