

POWER TRIODE

SHORT FORM SPECIFICATION

3CW30000H7

Plate Dissipation (Max.) 30000 W
Grid Dissipation (Max.) 500 W
Frequency for Max. rating (CW) 110 MHz
Amplification Factor 200
Filament/Cathode Thoriated Tungsten
Voltage 6,3 V
Current 160,0 A

Capacitance Grounded Cathode
Input 56,0 pF
Output 0,2 pF
Feed through 36,0 pF

Capacitance Grounded Grid
Input 56,0 pF
Output 36,0 pF
Feed through 0,2 pF

Cooling Water and Forced Air
Base Flexible filament leads
Air Chimney
Air Chimney

Length 20,60 in; 524,00 mm
Diameter 6,75 in; 171,40 mm
Weight 12,0 lb; 5,5 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	Grid Driven RF Power Amplifier	8000	5,0	7000	----	4,0	430	21300
AB	Cathode Driven RF Linear Amplifier	8000	6,0	7000	----	5,0	1540	24200
A	Voltage Regulator	28000	6,0	-----	----	----	----	-----



TUNGSTEN VACUUM ELECTRONICS

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