

POWER TRIODE

SHORT FORM SPECIFICATION

3CW20000H7

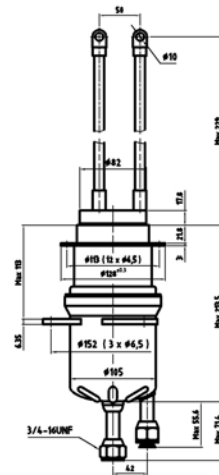
Plate Dissipation (Max.) 20000 W
 Grid Dissipation (Max.) 500 W
 Frequency for Max. rating (CW) 110 MHz
 Amplification Factor 200
 Filament/Cathode Thoriated Tungsten
 Voltage 7,5 V
 Current 99,0 A

Capacitance Grounded Cathode
 Input 59,0 pF
 Output 0,2 pF
 Feed through 36,0 pF

Capacitance Grounded Grid
 Input pF
 Output pF
 Feed through pF

Cooling Water and Forced Air
 Base Flexible Filament Leads
 Air Chimney
 Air Chimney

Length 20,70 in; 525,80 mm
 Diameter 6,75 in; 171,40 mm
 Weight 12,5 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)	
AB	Cathode Driven RF Linear Amplifier	7000	5,0	7000	----	5,0	1540	24000
AB	Cathode Driven RF Linear Amplifier	7000	5,0	7000	----	2,4	330	5650
AB	Grid Driven AF Amplifier or Modulator	7000	5,0	7000	----	10,0	560	47000



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