

POWER TETRODE

SHORT FORM SPECIFICATION

4CV25000B

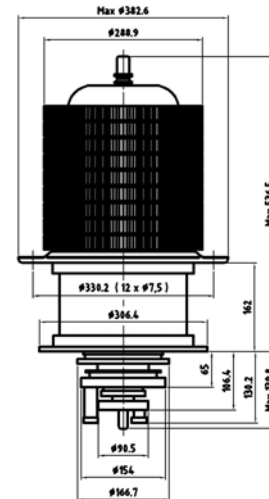
Plate Dissipation (Max.)	250000 W
Screen Dissipation (Max.)	3500 W
Grid Dissipation (Max.)	1500 W
Frequency for Max. rating (CW)	30 MHz
Amplification Factor	4,5
Filament/Cathode	Thoriated Tungsten
Voltage	12,0 V
Current	660,0 A

Capacitance	Grounded Cathode
Input	745,0 pF
Output	124,0 pF
Feed through	6,0 pF

Capacitance	Grounded Grid
Input	324,0 pF
Output	128,0 pF
Feed through	1,2pF

Cooling	Vapor and Forced Air
Base	Special

Air Socket	
Air Chimney	
Boiler	BR-620
Length	28,02in; 711,08 mm
Diameter	15,06 in; 396,24 mm
Weight	180,0 lb; 82,0 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 Amplifier	20000	40,0	19000	800	32,5	3000	460000
C	RF Amplifier Plate Modulated	17500	30,0	15000	800	22,8	1630	280000
AB1	RF Linear Amplifier	20000	40,0	20000	1800	23,0	-----	330000
AB1	AF Amplifier or Modulator (2 tubes)	20000	40,0	20000	1800	46,0	-----	660000



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