

POWER TETRODE

SHORT FORM SPECIFICATION

4CX35000C/8349

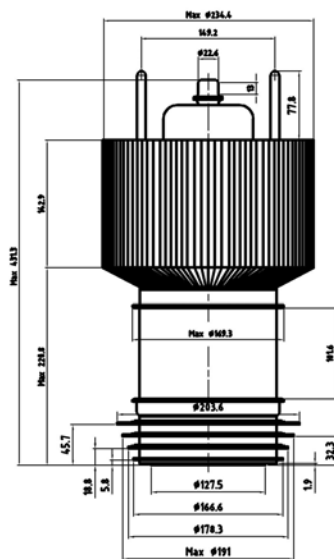
Plate Dissipation (Max.) 35000 W
 Screen Dissipation (Max.) 1750 W
 Grid Dissipation (Max.) 500 W
 Frequency for Max. rating (CW) 30 MHz
 Amplification Factor 4,5
 Filament/Cathode Thoriated Tungsten
 Voltage 10.0 V
 Current 295,0 A

Capacitance Grounded Cathode
 Input 440,0 pF
 Output 55,0 pF

Feed through 2,3 pF
 Capacitance Grounded Grid
 Input 175,0 pF
 Output 57, pF
 Feed through 0,4 pF

Cooling Forced Air
 Base Special, Graduated Rings
 Air Socket SK-1500
 Air Chimney

Length 17,34 in; 440,00 mm
 Diameter 9,75 in; 248,00 mm
 Weight 50,0 lb; 22,7 kg
 Operating Position Vertical



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	15,0	19000	750	7,0	258	110000
C	RF Amplifier Plate Modulated	14000	15,0	12000	750	5,4	125	55000
AB1	RF Linear Amplifier	20000	15,0	15000	1500	5,7	---	55000
AB1	Af Amplifier or Modulator (2 tubes)	20000	15,0	12000	1500	9,2	---	70000



TUNGSTEN VACUUM ELECTRONICS

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