

POWER TETRODE

SHORT FORM SPECIFICATION

4CV100000C/8351

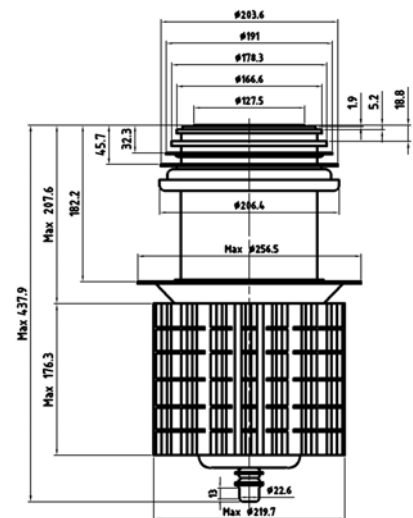
Plate Dissipation (Max.) 100000 W
 Screen Dissipation (Max.) 1750 W
 Grid Dissipation (Max.) 500 W
 Frequency for Max. rating (CW) 30 MHz
 Amplification Factor 4,5
 Filament/Cathode Thoriated Tungsten
 Voltage 10,0 V
 Current 300,0 A

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

Feed through 2,3 pF

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

Cooling Vapor and Forced Air
 Base Special, Graduated
 Air Socket SK-1500A
 Air Chimney -----
 Length 17,24in; 437,90 mm
 Diameter 10,07 in; 255,80 mm
 Weight 68,0 lb; 30,9 kg
 Operating Position Vertical, base up



Class of Operation	Type of Service	Maximum Ratings			Typical Operation			
		Plate Voltage (Volts)	Plate current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (Watts)
C	RF Amplifier	20000	15,0	17500	1500	11,8	125	168000
C	RF Amplifier Plate Modulated	17500	15,0	16000	750	12,0	1260	138500
C	RF Amplifier Plate Modulated	17500	15,0	17500	900	11,6	8100	141000
AB1	RF Linear Amplifier	20000	25,0	18000	1500	10	-----	123200
AB1	AF Amplifier or Modulator	20000	15,0	18000	1500	20	-----	246000



TUNGSTEN VACUUM ELECTRONICS

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