

POWER TETRODE

SHORT FORM SPECIFICATION

4CX5000A/8170

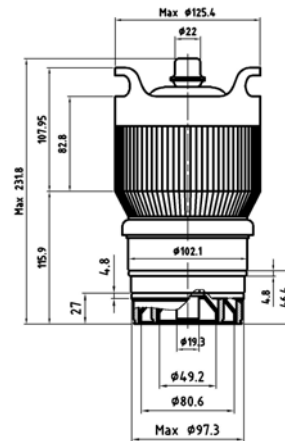
Plate Dissipation (Max.) 5000 W
 Screen Dissipation (Max.) 250 W
 Grid Dissipation (Max.) 75 W
 Frequency for Max. rating (CW) 100 MHz
 Amplification Factor 4,5
 Filament/Cathode Thoriated Tungsten
 Voltage 7.5 V
 Current 75,0 A



Capacitance Grounded Cathode
 Input 115,0 pF
 Output 20,5 pF
 Feed through 0,7 pF

Capacitance Grounded Grid
 Input 53,0 pF
 Output 20,5 pF
 Feed through 0,1 pF

Cooling Forced Air
 Base Special, Coaxial
 Air Socket SK-300
 Air Chimney SK-306
 Length 9,13 in; 213,80 mm
 Diameter 4,94 in; 125,40 mm
 Weight 9,50 lb; 4,30 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	7500	3,0	6500	750	2,30	100	10000
C	RF Amplifier Plate Modulated	5500	2,5	5000	500	1,40	25	5800
C	RF Amplifier Screen Modulated	7500	3,0	7500	350	1,10	11	3550
AB1	RF linear Amplifier	7500	4,0	7500	1250	1,90	----	10000
AB1	AF Amplifier or Modulator	7500	4,0	7000	1250	3,70	----	17500



TUNGSTEN VACUUM ELECTRONICS

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 Rétipálya

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