

POWER TETRODE

SHORT FORM SPECIFICATION

5CX1500A

Plate Dissipation (Max.)	1500 W
Suppressor Dissipation (Max)	25 W
Screen Dissipation (Max.)	75 W
Grid Dissipation (Max.)	25 W
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	5,5
Filament/Cathode	Thoriated Tungsten Mesh
Voltage	5.0 V
Current	40,0 A
Capacitance	Grounded Cathode
Input	75,0 pF
Output	16,5 pF
Feed through	0,2 pF
Capacitance	Grounded Grid
Input	34,5 pF
Output	16,5 pF
Feed through	0,05 pF
Cooling	Radiation and Forced Air
Base	Special Ring and Breechblock
Air Socket	SK-840
Air Chimney	SK-806
Operating Position	Vertical, base up or down
Length	4,95 in; 125,7 mm
Diameter	3,37 in; 85,60 mm
Weight	30 oz; 850 gm



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	5000	1,0	4500	500	0,9	9,0	3180
C	RF Amplifier Plate Modulated	3500	0,8	3200	500	0,8	10,0	1958
AB1	RF Linear Amplifier	4000	1,0	4000	500	0,7	----	1785
AB1	AF Amplifier or Modulator (2 tubes)	4000	1,0	3800	500	1,3	----	3220



TUNGSTEN VACUUM ELECTRONICS

Factory: H-2120 Dunakeszi
Rétipálya

Tel : (36)-27-546-570
Fax : (36)-27-546-571

E-mail: Info@tungsten.hu
Web: www.tungsten.hu