

POWER TETRODE

SHORT FORM SPECIFICATION

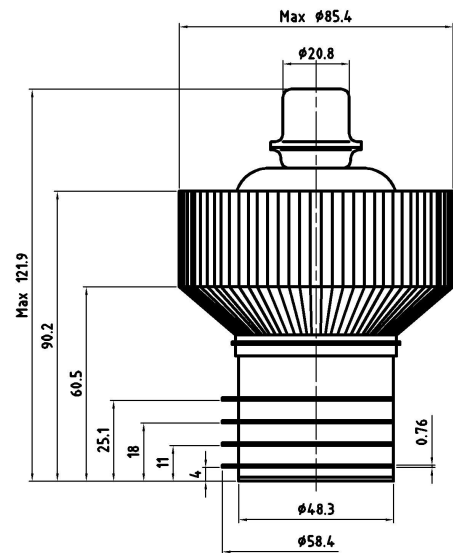
4CX1000A/8168

Plate Dissipation (Max.)	1000 W
Screen Dissipation (Max.)	12 W
Grid Dissipation (Max.)	1 W
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	
Filament/Cathode	Oxide-coated Unipotential
Voltage	6.0 V
Current	9,0 A

Capacitance	Grounded Cathode
Input	81,0 pF
Output	11,8 pF
Feed through	0,015 pF

Capacitance	Grounded Grid
Input	35,5 pF
Output	12,0 pF
Feed through	0,004 pF

Cooling	Forced Air
Base	Special, Breechblock
Air Socket	SK-800B
Air Chimney	SK-806
Boiler	---
Length	4,80 in; 122,00 mm
Diameter	3,37 in; 85,50 mm
Weight	27 oz; 77 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)
AB1	RF Linear Amplifier at 30MHz	3000	1,0	3000	325	0,88	----	1630
AB1	AF Amplifier or Modulator (2 tubes)	3000	1,0	3000	325	1,8	----	3260



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