

# POWER TETRODE

SHORT FORM SPECIFICATION

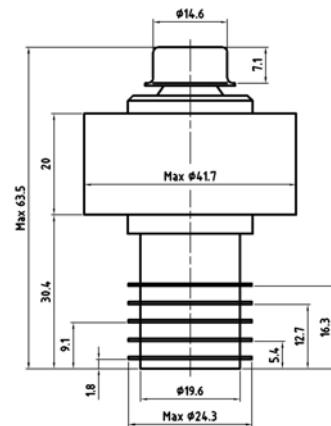
# 4CX300A/8167

Plate Dissipation (Max.) 300 W  
Screen Dissipation (Max.) 12 W  
Grid Dissipation (Max.) 2 W  
Frequency for Max. rating (CW) 500 MHz  
Amplification Factor 4,8  
Filament/Cathode Oxide Coated  
Voltage 6.0 V  
Current 2,9 A

Capacitance Grounded Cathode  
Input 29,0 pF  
Output 4,0 pF  
Feed through 0,04 pF

Cooling Forced Air  
Base Special, Breechblock  
Air Socket SK-700  
Air Chimney SK-606

Length 2,5 in; 63,50 mm  
Diameter 1,64 in; 41,60 mm  
Weight 4 oz; 113 gm  
Operating Position Any



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	2000	0,25	2000	250	0,25	2,9	390
C	RF Amplifier at 500 MHz	2000	0,25	2000	250	0,25	---	225
C	RF Amplifier Plate Modulated	1500	0,20	1500	250	0,20	1,7	235
AB1	RF Linear Amplifier	2500	0,25	2500	350	0,25	---	400
AB1	RF Linear Amplifier (AM Service)	2500	0,25	2500	350	0,15	---	85
AB1	AF Amplifier or Modulator (2 tubes)	2500	0,25	2500	350	0,5	---	800



## TUNGSTEN VACUUM ELECTRONICS

Factory: H-2120 Dunakeszi  
Rétipálya

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