

POWER TRIODE

SHORT FORM SPECIFICATION

3CW5000A3/8242

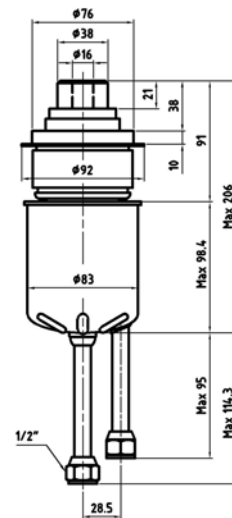
Plate Dissipation (Max.) 5000 W
 Grid Dissipation (Max.) 150 W
 Frequency for Max. rating (CW) 75 MHz
 Amplification Factor 22
 Filament/Cathode Thoriated Tungsten
 Voltage 7,5 V
 Current 51,5 A

Capacitance Grounded Cathode
 Input 35,0 pF
 Output 0,9 pF
 Feed through 20,0 pF

Capacitance Grounded Grid
 Input pF
 Output pF
 Feed through pF

Cooling Water and Forced Air
 Base Coaxial
 Air Chimney
 Air Chimney

Length 12,62 in; 320,50 mm
 Diameter 3,63 in; 92,10 mm
 Weight 4,8 lb; 2,2 kg
 Operating Position Vertical, base up



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	Grid Driven RF Amplifier	6000	2,5	6000	----	2,1	136	10000
C	Grid Driven RF Amplifier Plate Modulated	5000	2,0	5000	----	1,5	76	5580
AB2	Grid Driven AF Amplifier or Modulator	6000	2,5	6000	----	3,0	113	13000
AB2	Grid Driven AF Amplifier or Modulator	6000	2,5	5000	----	2,3	59	8000



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