

Electron Tube FU-3101F(Equivalent to 3CX10000H3)

Is Metal-Ceramic Structure, Direct-Heating Thorium-Tungsten Cathode, Forced Air Cooling Triode. The Maximum Operating Frequency is 90MHz, Rating Grid Dissipation Power is 250W and Rating Plate Dissipation Power is 10KW. It is mainly used in industrial high frequency heating equipment. It can be equivalent to 3CX10000H3 of the United States.

1、General Characteristics

Filament Voltage	7.5 V	Filament Current	99 A
Net Weight	6.8 KG	Amplification Factor	20
Interelectrode Capacitances (Grounded Filament)	Input	58	pF
	Output	38	pF
	Feedback	1.5	pF
Cooling Method	Forced Air Cooling		
Stem	Forced Air Cooling	Plate	Forced Air Cooling
Max. Temperature at Any Point Tube Envelope	250 °C	Operating Position	Vertical



2、Maximum Ratings

DC Plate Voltage	10 KV	DC Grid Voltage	-1000 V
DC Plate Current	4.0 A	DC Grid Current	0.6 A
Plate Input Power	40 KW	Plate Dissipation	10 kW

3、Typical Working Condition

DC Plate Voltage	7000 V	DC Plate Current	4.0 A
DC Grid Voltage	-670 V	DC Grid Current	0.275 A
Maximum Grid Voltage	340 V	Driving Power	260 W
Plate Input Power	28 KW	Plate Output Power	19 KW
Load Resistance	750 Ω		

