

# Electron Tube FU-3201F(Equivalent to 3CX20000H3)

Is Metal-Ceramic Structure, Carbonized Thoriated Tungsten Cathode, Forced Air Cooling, Medium Amplification Factor Triode. The Maximum Dissipation Power of the Plate is 20KW, and the Maximum Operating Frequency is 110MHz. It is mainly used in industrial high frequency heating equipment. It can be equivalent to 3CX20000H3 of the United States.

## 1、General Characteristics

Filament Voltage	10 V	Filament Current	160 A
Net Weight	11 KG		
Interelectrode Capacitances (Grounded Filament)	Input	70	pF
	Output	43	pF
	Feedback	2.3	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

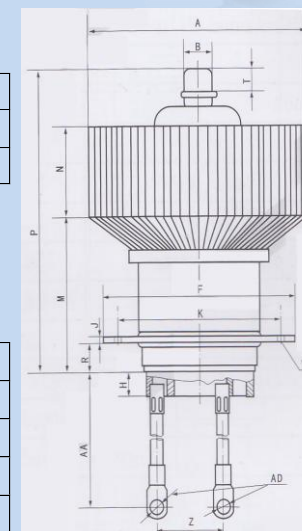


## 2、Maximum Ratings

DC Plate Voltage	12 KV	DC Grid Voltage	-2000 V
DC Plate Current	8.0 A	DC Grid Current	1.5 A
Plate Dissipation	20 KW	Grid Dissipation	750 W

## 3、Typical Working Condition

DC Plate Voltage	7500 V	DC Plate Current	8.0 A
DC Grid Voltage	-800 V	DC Grid Current	1.4 A
RF Grid Voltage	-1200 V	Driving Power	1670 W
Input Power	60 KW	Output Power	12 KW
Load Resistance	480 Ω		



字母	最小值	最大值	参考
A			Ø204±2
B	Ø21.70	Ø22.70	
F	Ø128.00	Ø128.70	
H	13.50	17.70	
J			3.20
M	98.50	105.00	
N			115.00
P			254.00
R	17.80	21.80	
T	8.50		
V			6.70
Z			51.00
AA	215.00	228.00	
AD			Ø9.90
K	Ø112.40	Ø112.90	

