E3069 产品样本

E3069 型电子管是金属陶瓷结构，碳化钍钨阴极三极管。阳极为强迫风冷。其最大阳极耗散功率 5kW,极限频率 110MHz，在低于极限频率时，输出功率可达 11KW；主要用于工业高频加热设备中。

1 基本特性

1.1 阴极特性

加热方式	直热式
灯丝电压 (U_f)	12.6 V
灯丝电流 (I_f)	35A

1.2 静态特性

阴极放射电流 (U_a=U_g=800V)	10A
放大系数 (U_a=6 to 7kV, I_a=1.6A)	21
跨导(U_a=7kV, I_a =1.6 to 1.8A)	13mA/V
栅极-阴极	18pF
阳极-阴极	0.7pF
栅极与阳极	13pF

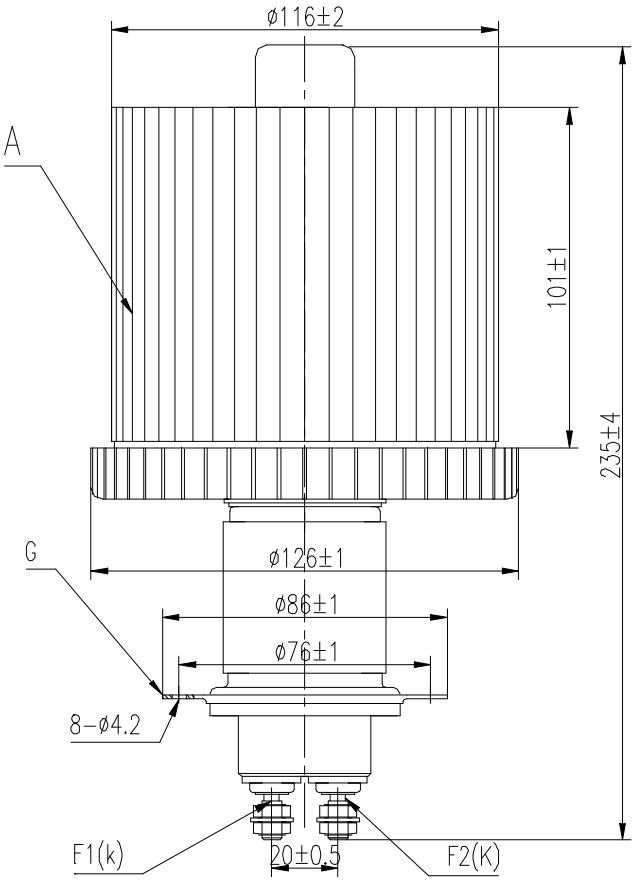
2 最大额定值

阳极直流电压	U_a	8	kV
阳极直流电流	I_a	2.2	A
栅极直流电流	I_g	0.5	A
阳极耗散	P_a	5	kW
栅极耗散	P_g	150	W

3 典型工作状态

阳极直流电压	U_a	8	kV
阳极直流电流	I_a	2	A
栅极直流电流	I_g	0.35	A
输出功率	P	11	kW

4 外形图



E3069 TRIODE

1 General Characteristics

1.1 Cathode Characteristics

Heating	Direct
Heating voltage (U_f)	12.6 V
Heating current (I_f)	35A

1.2 Feature Characteristics

Cathode Emission Current (U_a=U_g=800V)	10A
Internal Amplification Factor (U_a=6 to 7kV, I_a=1.6A)	21
Transconductance (U_a=7kV, I_a =1.6 to 1.8A)	13mA/V
Grid-cathode capacitance	18pF
Cathode-anode capacitance	0.7pF
Grid-anode capacitance	13pF

2 Maximum Ratings

Anode DC Voltage	U_a	8	kV
Anode DC Current	I_a	2.2	A
Grid DC Current	I_g	0.5	A
Anode Dissipation	P_a	5	kW
Grid Dissipation	P_g	150	W

3 Typical Application

Anode DC Voltage	U_a	8	kV
Anode DC Current	I_a	2	A
Grid DC Current	I_g	0.35	A
Output Power	P	11	kW

Product Outline Drawing