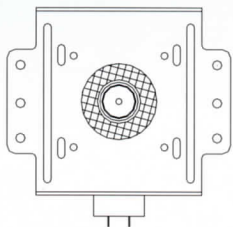


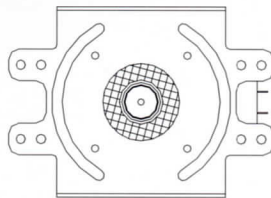
MODEL  
**2M246 Series**

**FEATURES**

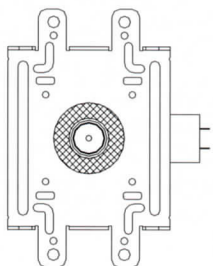
- Light-weight, compact, and cost-effective construction.
- Sufficiently suppressed noise spectrum.
- Stable performance and good reliability
- High power output.



**2M246-04TYPE**



**2M246-23TYPE**



**2M246-35TYPE**

**1. General Data**

**ELECTRICAL CHARACTERISTICS**

Filament voltage	3.15Vac
Filament current	10.0Aac
Frequency(with matched load)	2460MHz
Anode potential	Earth
Filament potential	(-4kV)
Magnet	Ferrite - magnet

**MECHANICAL CHARACTERISTICS**

Width	93.2mm(3.67inches) max.
Length	127mm(5.00inches) max.
Height	133mm(5.24inches) max.
Weigh	Approx. 0.9Kg
Mounting position	Any
Cooling	Forced air

**2. Absolute Maximum Ratings**

**ELECTRICAL CHARACTERISTICS**

	Min	Max	Unit
Filament Voltage	2.85	3.75	Vac
Pre - heating Time	0	-	Sec
Average Anode Current	-	380	mAdc
Peak anode current	-	1500	mAp
Average anode input	-	1700	W
Load VSWR(continuous)	-	4	-
Load VSWR(instantaneous)	-	8	-
Anode core temperature	-	300	°C
Temperature	-30	60	°C

**3. Typical Operation**

**OPERATING CONDITIONS**

Filament voltage	3.15Vac
Average anode current #	330mAdc
Cooling air flow	1.0m <sup>3</sup> /min
# Power supply unit:Half-wave doubler with leakage transformer or full-wave rectifier without filter.	

**TYPICAL PERFORMANCE**

Frequency(matched load)	2460MHz
Peak anode voltage	4.40kVp
Average output power(matched load)	1150W
Average output power(in a typical oven)	1000W*
*In accordance with IEC Pub. 705 measurement method.	