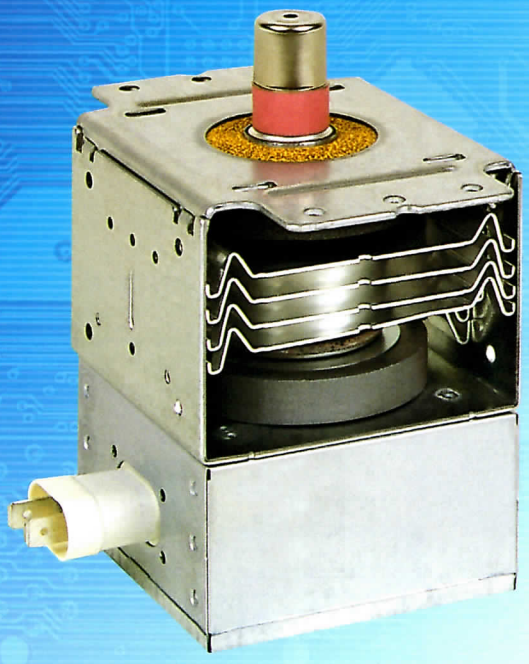
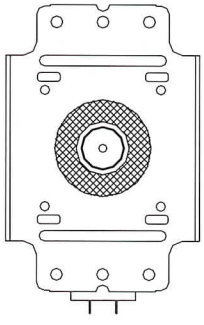


MODEL

2M213 Series

FEATURES

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



2M213-21TYPE

1. General Data

ELECTRICAL CHARACTERISTICS

Filament voltage	3.5Vac
Filament current	10.5Aac
Frequency(with matched load)	2460MHz
Anode potential	Earth
Filament potential	(−4kV)
Magnet	Ferrite - magnet

MECHANICAL CHARACTERISTICS

Width	73.2mm(2.88inches) max.
Length	109mm(4.28inches) max.
Height	126mm(4.96inches) max.
Weigh	Approx. 0.8Kg
Mounting position	Any
Cooling	Forced air

2. Absolute Maximum Ratings

ELECTRICAL CHARACTERISTICS

	Min	Max	Unit
Filament Voltage	3.05	3.95	Vac
Pre - heating Time	0	–	Sec
Average Anode Current	–	280	mAdc
Peak anode current	–	1000	mAp
Average anode input	–	1000	W
Load VSWR(continuous)	–	4	–
Load VSWR(instantaneous)	–	8	–
Anode core temperature	–	300	℃
Temperature	−30	60	℃

3. Typical Operation

OPERATING CONDITIONS

Filament voltage	3.5Vac
Average anode current #	200mAdc
Cooling air flow	0.8㎥/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	3.95kVp
Average output power(matched load)	700W
Average output power(in a typical oven)	600W*

*In accordance with IEC Pub. 705 measurement method.