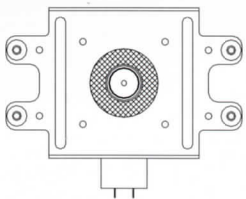


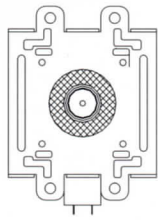
MODEL
2M214 Series

FEATURES

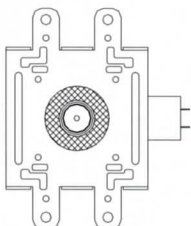
- Light-weight, compact, and cost-effective construction.
- Sufficiently suppressed noise spectrum.
- Stable performance and good reliability



2M214-04TYPE



2M214-15TYPE



2M214-35TYPE

1. General Data

ELECTRICAL CHARACTERISTICS

Filament voltage	3.3Vac
Filament current.....	10.0Aac
Frequency(with matched load).....	2460MHz
Anode potential	Earth
Filament potential	(-4kV)
Magnet	Ferrite - magnet

MECHANICAL CHARACTERISTICS

Width	80.0mm(3.15inches) max.
Length	127mm(5.00inches) max.
Height.....	133mm(5.24inches) max.
Weigh.....	Approx. 0.8Kg
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.....	-	350	mAdc
Peak anode current.....	-	1200	mAp
Average anode input	-	1400	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	3.3Vac
Average anode current #	300mAdc
Cooling air flow	1.0m ³ /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	4.20kVp
Average output power(matched load)	1000W
Average output power(in a typical oven)	850W*
*In accordance with IEC Pub. 705 measurement method.	