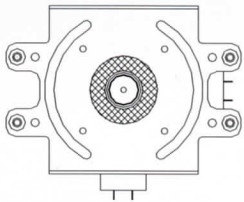


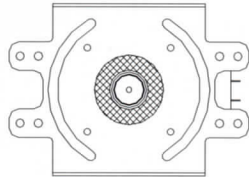
MODEL
2M226 Series

FEATURES

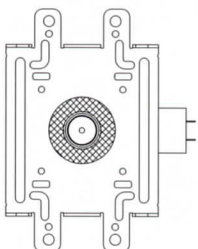
- Light-weight, compact, and cost-effective construction.
- Sufficiently suppressed noise spectrum.
- Stable performance and good reliability



2M226-04TYPE



2M226-23TYPE



2M226-35TYPE

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 | ..... | 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 | | - | 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 | ..... | 1.0m³/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. | | |