

Description:

Packaged, metal-ceramic, water cooled continuous-wave magnetron with integral RF cathode filter intended for use in industrial microwave heating applications. The tube features a quick-heating cathode, high efficiency, and has a typical output power of 6 kW.

A packaged permanent magnet and an integrated electromagnet system allow accurate output power control and stabilization.

- 6.0 kW CW power output
- Integrated Electromagnet
- Water cooled anode
- Probe Output



Characteristic Parameters:

ELECTRICAL

| Operating frequency: | 2.45 to 2.47 GHz |
|--|--------------------------|
| Power output: | 6.0 kW (With Circulator) |
| Peak Anode voltage: | 7.2 kV |
| Average Anode current: | 1,150 mA |
| Filament voltage (standby): | 5 Vac |
| Filament voltage (operation): Load VSWR | 0.5 Vac ≤1:1 |

MECHANICAL

RF launch type: Net Weight: Into Rectangular waveguide 9.6 lbs. (4.3 Kg)



Made In The USA



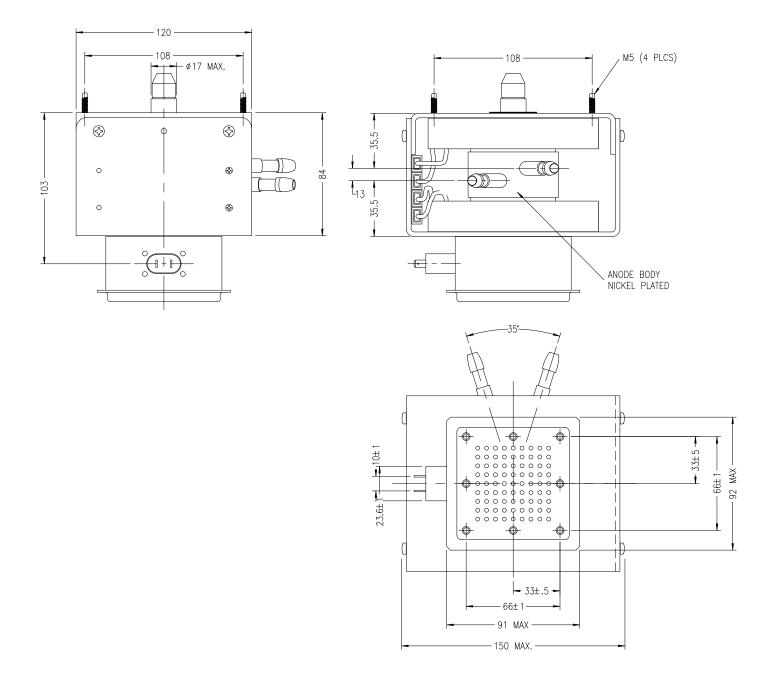
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Outline Drawing:



Note: Unless otherwise noted, dimensions are nominal values in mm. Specifications subject to change without notice.



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