

# **Description:**

The 2M121A-53 (IL) and the 2M121A-57 (NIL) are (CW) magnetrons that deliver 1.45 kW continuous output power.

- 1.45 kW CW power output
- Force Air-cooled anode
- Probe Output



## **Characteristic Parameters:**

### ELECTRICAL

Operating frequency:	2455 MHz
Power output:	1.45 kW (into a matched load)
Anode voltage:	4.5 kV
Average Anode current:	450 mA
Filament voltage (standby):	4.6 Vac
Filament voltage (operation):	See filament voltage reduction schedule Figure 1
Load VSWR	<1.1

### MECHANICAL

RF launch type:

Net Weight:

Into Rectangular waveguide or into oven cavity

3.1 lbs. (1.4 Kg)



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Fig. 1 Reduction Chart of Filament Voltage

Note: Specifications subject to change without notice.



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#### 2M121A-53 Outline Drawng:





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



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#### 2M121A-57 Outline Drawing:





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