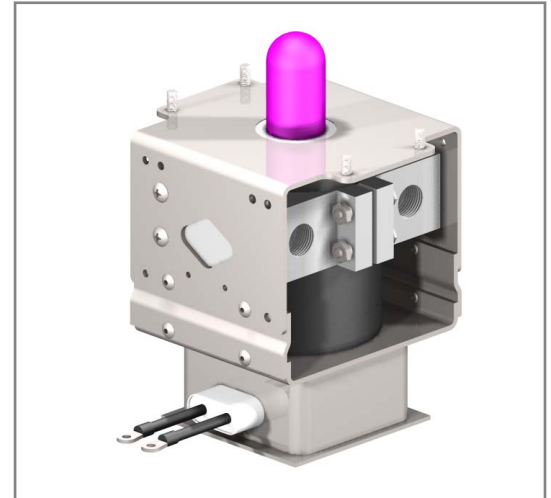


Description:

The 2M252-05 is a (CW) water cooled magnetron tube that delivers 3.0 kW continuous output power

- 3.0 kW CW power output
- Water cooled anode provides stable performance
- Probe Output
- Suitable performance and excellent reliability for use in microwave ovens and industrial microwave heating applications



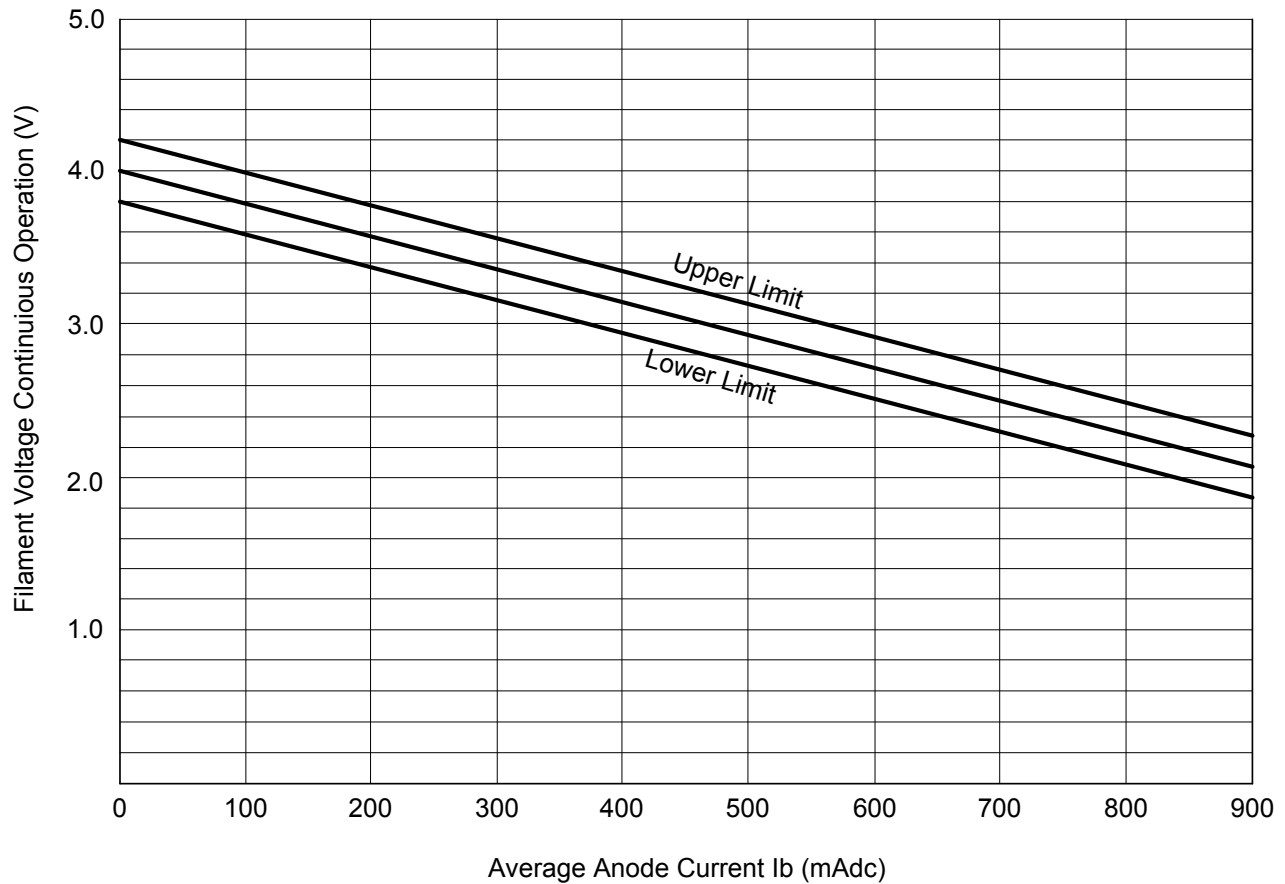
Characteristic Parameters:

ELECTRICAL

Operating frequency:	2455 MHz
Power output:	3.0 kW (into a matched load)
Anode voltage:	5.2 kV
Average Anode current:	840 mA
Filament voltage (standby):	4.0 Vac
Filament voltage (operation):	See filament voltage reduction schedule Figure 1
Load VSWR	≤ 1.1

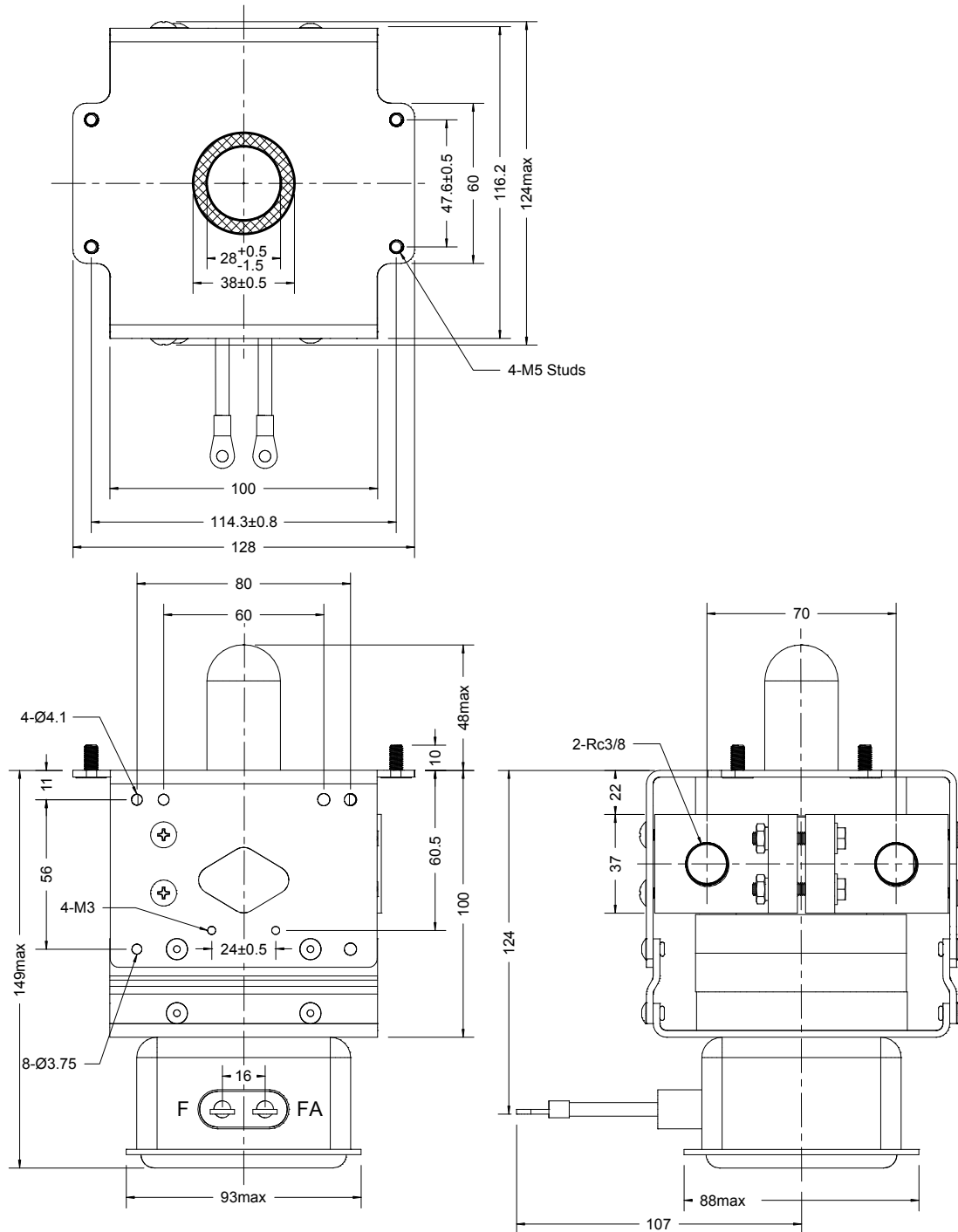
MECHANICAL

RF launch type:	Into Rectangular waveguide or into oven cavity
Net Weight:	7.7 lbs. (3.5 Kg)

Fig. 1 Reduction Chart of Filament Voltage


Note: Specifications subject to change without notice.

Outline Drawing:



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