

GDCWM-15kW MAGNETRON

The GDCWM-15kW magnetron is a fixed-frequency 2450MHz, permanent magnet packaged ceramic-metal high-power microwave tube. The anode is liquid-cooled, while the output window and cathode end are air-cooled, enabling continuous and stable output of 15kW microwave power.

PERFORMANCE CHARACTERISTICS

Frequency.....	2450±10 MHz
Power output.....	15KW
Anode voltage.....	12.5±0.2kV
Anode current.....	1.8A
Efficiency.....	≥66%
Filament voltage (47A)	12.6V
Filament current(operating)	47A
Max Load VSWR.....	1.5:1
Max Outer Water Temperature.....	45°C
Weight	1.6Kg

TYPICAL OPERATING CONDITIONS

Frequency.....	2450 MHz
CW outer Power.....	15Kw
Anode voltage.....	12.5kV
Anode current.....	1.8A
Efficiency.....	66%
Filament voltage.....	8.0VAC
Filament current(operating)	47A
Filament current(full power).....	29A
Load VSWR.....	1.1:1
Anode Water Flow	>10L/min
Cathode Airflow.....	300L/min
Dome Airflow.....	500L/min



昆山国力电子科技股份有限公司

Kunshan GuoLi Electronic Technology Co., Ltd.



昆山国力电子有限公司

Kunshan GuoLi Electronic Co., Ltd.

OUTLINE DRAWING

