

Security Classification: Confidential

Type 2J39 Magnetron

General Characteristics

Electrical

Cathode	Coated Unipotential
Filament voltage	6.3 volts
Filament current	1.25 amps
Frequency	3267 - 3533 Mc.
Peak anode voltage	5000 volts
Power Output at .002 duty and 5 peak amperes	12 watts

Mechanical

Maximum Dimensions - see outline drawing
Base Connections - see outline drawing
Mounting position - any

Maximum Ratings

Duty Cycle*	.002
Peak Anode Voltage	5500 volts
Peak Anode Current	8 amps
Anode Dissipation	160 watts
Anode Temperature	100 C Degrees

* In any 100 microsecond interval, the tube shall not be operated longer than 5 microseconds.

Sponsor: Raytheon Manufacturing Company - Power Tube Division

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