

ELECTRONIC TUBE REFERENCE

ZM6047

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Packaged voltage-tunable continuous-wave magnetron designed for electronically tuned microwave oscillator service across its specified frequency range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 5.7 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Magnetron
<p>No fixed ratings recorded.</p> <p>Published ratings and characteristics promoted from the supplied General Electric source where explicitly available.</p>

Packaged voltage-tunable magnetron with integral magnet and isolator for 2900–3200 MHz operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Magnetron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	2.5 V	—
HeaterOrFilamentCurrent	5.7 A	—
OperatingFrequencyMinimum	2900 MHz	—
OperatingFrequencyMaximum	3200 MHz	—
Power Output	75 W	CW

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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