

ELECTRONIC TUBE REFERENCE

ZM6032

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Packaged voltage-tunable continuous-wave magnetron designed for severe missile environments over approximately 2.175-2.425 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 2.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

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

Packaged voltage-tunable magnetron for missile environments in the 2175-2425 MHz region.



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 V	—
HeaterOrFilamentCurrent	2.1 A	—
OperatingFrequencyMinimum	2175 MHz	—
OperatingFrequencyMaximum	2425 MHz	—
Power Output	7.5 W	CW

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumAltitude	200000 ft	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker