

ELECTRONIC TUBE REFERENCE

7098

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MAGNETRON

Mechanically tunable pulsed integral-magnet magnetron covering an exceptionally broad approximately 2.3-9.5 GHz range for adaptable high-power microwave oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5.5 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	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 Sylvania source.

Mechanically tunable pulsed air-cooled integral-magnet magnetron covering approximately 2300-9500 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Magnetron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	5.5 V	—
OperatingFrequencyMinimum	2300 MHz	—
OperatingFrequencyMaximum	9500 MHz	—
MinimumPowerOutput	60 W	Pulsed

TUBE TINKER

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

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