



ELECTRONIC TUBE REFERENCE

LM4

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Mechanically tunable radar pulse magnetron with separate magnet, operating around 1.30-1.35 GHz and producing approximately 600 kW peak output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / 4.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Magnetron

No fixed ratings recorded.

Representative electrical section; repeated identical sections are compressed where applicable.

Mechanically tunable pulse magnetron with a separate magnet, primarily for radar equipment, with operation around 1300-1350 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Lamina

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

196X LAMINA

Section 1 · Magnetron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency	1300-1350 MHz	—
Pulse output power	600 kW	—
Pulse anode voltage	23 kV	—
Pulse anode current	50 A	—

TUBE TINKER

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and their source documents.

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