



ELECTRONIC TUBE REFERENCE

7619

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Ka-band pulsed magnetron producing approximately 40 kW peak output for high-frequency millimeter-wave microwave service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Magnetron

No fixed ratings recorded.

Published source values promoted where applicable; additional source values retained as parameters.

Ka-band pulsed magnetron with approximately 40 kW peak power output.

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

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Microwave band	Ka band	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak power output	40 kW	Pulse

TUBE TINKER

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and their source documents.

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