

ELECTRONIC TUBE REFERENCE

CM5200

Specialized - Microwave Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MICROWAVE

Integral-magnet Carcinotron crossed-field backward-wave oscillator electronically tunable from approximately 1.2-1.5 GHz and delivering at least 500 W output.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Microwave
No fixed ratings recorded. Published ratings and characteristics promoted from the supplied CSF/Thomson source where explicitly available.

Carcinotron backward-wave oscillator with integral magnet, electronically tunable over 1200-1500 MHz and rated above 500 W.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Microwave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
OperatingFrequencyMinimum	1200 MHz	—
OperatingFrequencyMaximum	1500 MHz	—
PowerOutputMinimum	500 W	—

TUBE TINKER

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and their source documents.

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