



ELECTRONIC TUBE REFERENCE

C01308B

Specialized - Microwave Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVE

Integral-magnet millimeter-wave Carcinotron backward-wave oscillator electronically tunable from approximately 23.5–37.5 GHz, producing about 20–120 mW.

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

SECTION 1 Microwave

No fixed ratings recorded.

Published ratings and characteristics promoted from the supplied CSF/Thomson source where explicitly available.

Integral-magnet millimeter-wave carcinotron backward-wave oscillator electronically tunable over 23.5–37.5 GHz.

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	23.5 GHz	—
OperatingFrequencyMaximum	37.5 GHz	—
PowerOutputMinimum	20 mW	—
PowerOutputMaximum	120 mW	—

TUBE TINKER

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

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