



ELECTRONIC TUBE REFERENCE

F4084

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Broadband electronically tunable Carcinotron backward-wave oscillator covering 4–8 GHz, with RF output ranging from roughly 25 to 500 mW.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.4 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 TravelingWave

No fixed ratings recorded.

Published source values promoted where applicable; additional electrical, RF, pulse and cooling data retained as parameters.

Broadband electronically tunable Carcinotron/backward-wave microwave oscillator covering approximately 4–8 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 · TravelingWave

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	4 GHz	—
Frequency maximum	8 GHz	—
RF output minimum	25 mW	—
RF output maximum	500 mW	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Electronically tunable microwave oscillator	—

TUBE TINKER

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and their source documents.

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