

ELECTRONIC TUBE REFERENCE

F4005A

Specialized - Microwave Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
MICROWAVE

Electronically tunable O-type Carcinotron backward-wave oscillator covering approximately 1.6-3.2 GHz with 0.1-1 W output for radar and swept-frequency applications.

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.                                                                                         |
| Microwave performance and operating ratings are stored as condition-aware parameters from the supplied CSF source. |

Electronically tunable O-type carcinotron backward-wave oscillator covering 1.6-3.2 GHz with 0.1-1 W output for radar and swept-frequency applications.

## 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 | 1.6 GHz                   | —                |
| OperatingFrequencyMaximum | 3.2 GHz                   | —                |
| PowerOutputMinimum        | 100 mW                    | —                |
| PowerOutputMaximum        | 1000 mW                   | —                |
| ElectronicTuning          | 1 boolean                 | —                |
| Focusing                  | Integral permanent magnet | —                |

## TUBE TINKER

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

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