ELECTRONIC TUBE REFERENCE

F4028A

Specialized - Microwave Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVE

Electronically tunable O-type Carcinotron backward-wave oscillator covering approximately 1.0–2.1 GHz with integral permanent-magnet focusing and up to about 1.5 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.

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 1.0–2.1 GHz with 0.1–1.5 W output.

SOURCE OPERATING CONDITIONS

1958 Compagnie General

SOURCE PDF

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 GHz**	—
OperatingFrequencyMaximum	**2.1 GHz**	—
PowerOutputMinimum	**100 mW**	—
PowerOutputMaximum	**1500 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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