



ELECTRONIC TUBE REFERENCE

RC5C

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Indirectly heated decimeter-wave triode with approximately 5 W anode dissipation, designed for oscillator service in the UHF decimeter wavelength range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	2.4 V / 410 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	3300 Ω
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	5 W
Published maximum ratings and characteristics promoted from the approved source.	

Indirectly heated decimeter-wave triode with 5 W anode dissipation for oscillators in the decimeter wavelength range.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	2.2–2.6 V	Published range
Heater Current	410 mA–410 mA	Published range
Maximum Plate Voltage	300 V	Highest published maximum rating
Maximum Plate Dissipation	5 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	6000 μS	Typical
Amplification Factor	20	Typical
Plate Resistance	3300 ohm	Typical

TUBE TINKER

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and their source documents.

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