ELECTRONIC TUBE REFERENCE

RC5B

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	12.6 V / 80 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

Section ratings

SECTION1 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

195X Tesla

SOURCE PDF

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	**10.8–14.5 V**	Published range
Heater Current	**80 mA–80 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

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

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