



ELECTRONIC TUBE REFERENCE

5969

Voltage - Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

Directly heated subminiature double tetrode designed for push-pull Class-C RF power-amplifier service at VHF frequencies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.0017 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	50 V
MAXIMUM PLATE DISSIPATION	0.96 W
MAXIMUM CATHODE CURRENT	15 mA
<i>Published maximum ratings and characteristics promoted from the approved source; repeated identical sections compressed where applicable.</i>	

SECTION2 Tetrode	
TRANSCONDUCTANCE	0.0017 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	50 V
MAXIMUM PLATE DISSIPATION	0.96 W
MAXIMUM CATHODE CURRENT	15 mA
<i>Second physical tetrode section restored under one-row-per-physical-section policy; identical to section 1.</i>	

Directly heated subminiature double tetrode for push-pull Class-C RF amplifier service at VHF frequencies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	1.25 V	Nominal
HeaterCurrentNominal	200 mA	Nominal
Maximum Plate Voltage	150 V	—
Maximum Screen Voltage	50 V	—
Maximum Plate Dissipation	0.96 W	—
Maximum Cathode Current	15 mA	—
Typical Plate Voltage	135 V	ClassA
Typical Screen Voltage	45 V	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	1700 μ S	Typical

TUBE TINKER

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and their source documents.

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