

ELECTRONIC TUBE REFERENCE

GU191

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TETRODE-TETRODE

Russian dual power tetrode for oscillator and RF amplification to approximately 500 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	–	BASE PINS	–
NOMINAL HEATER	6.3 V / –	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM GRID DISSIPATION	6 W
MAXIMUM CATHODE CURRENT	280 mA
English text primary; Russian used only as secondary cross-check.	

SECTION2 Tetrode	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM CATHODE CURRENT	280 mA

Double tetrode used as an oscillator and RF power device to 500 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Electronintorg

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

1968 ELECTRONINTORG

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	500 MHz	—
Maximum Anode Voltage	750 V	—
Maximum Grid 2 Voltage	250 V	—
Maximum Anode Dissipation	40 W	—
Maximum Grid Dissipation	6 W	—
Cathode Current Limit	280 mA	—
Cathode-Heater Voltage	100 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	6.3 V	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker