



ELECTRONIC TUBE REFERENCE

GU32

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

BEAMPOWER-BEAMPOWER

Low-power Russian dual transmitting tetrode for RF amplifiers, oscillators, AF/RF modulators, and frequency-multiplier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	12.6 V / 1.6 A	PARALLEL HEATER	6.3 V / 1.6 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.0035 S
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	15 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM GRID DISSIPATION	5 W
English text primary; Russian used only as secondary cross-check.	

SECTION2 Beam Power	
TRANSCONDUCTANCE	0.0035 S
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	15 W
MAXIMUM SCREEN DISSIPATION	5 W

Low-power dual transmitting tetrode intended mainly for RF amplifiers and oscillators, AF/RF modulators, and frequency multipliers.



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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	200 MHz	—
Maximum Anode Voltage	500 V	—
Maximum Grid 2 Voltage	250 V	—
Maximum Anode Dissipation	15 W	—
Maximum Grid Dissipation	5 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	6.3 V	—
Series Heater Voltage	11.3-13.8 V	—
Parallel Heater Voltage	5.7-6.9 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Lamina

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

196X LAMINA

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency	200 MHz	—
Input capacitance	7.8 pF	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Output capacitance	3.8 pF	—
Grid-plate capacitance	<0.06 pF	—

TUBE TINKER

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and their source documents.

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