



ELECTRONIC TUBE REFERENCE

GU29

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

BEAMPOWER-BEAMPOWER

Forced-air-cooled Russian double beam-power tetrode intended for high-power radio-frequency transmitting applications.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	225 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM GRID DISSIPATION	7 W
English text primary; Russian used only as secondary cross-check.	

SECTION2 Beam Power	
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	225 V
MAXIMUM PLATE DISSIPATION	40 W

Forced-air-cooled double beam-power tetrode.



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	750 V	—
Maximum Grid 2 Voltage	225 V	—
Maximum Anode Dissipation	40 W	—
Maximum Grid Dissipation	7 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	—

TUBE TINKER

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

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