



ELECTRONIC TUBE REFERENCE

GS3B

Power - Beam (NOT sweep) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Water-cooled Russian beam-power tetrode designed for high-power radio-frequency operation over approximately 300-800 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	26 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	2100 V
MAXIMUM SCREEN VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	2000 W
MAXIMUM GRID DISSIPATION	60 W
MAXIMUM CATHODE CURRENT	1.6 A
English text primary; Russian used only as secondary cross-check.	

Water-cooled beam-power tetrode for 300-800 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 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	300-800 MHz	—
Maximum Anode Voltage	2100 V	—
Maximum Grid 2 Voltage	500 V	—
Maximum Anode Dissipation	2000 W	—
Maximum Grid Dissipation	60 W	—
Cathode Current Limit	1.6 A	—
Maximum Driving Power	300 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	26 V	—
Warm-up Time Maximum	120 s	—

TUBE TINKER

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

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