



ELECTRONIC TUBE REFERENCE

GS9B

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Metal-ceramic Soviet microwave power triode for RF amplification and frequency multiplication. Several hundred watts of plate dissipation and multi-kilovolt capability emphasize high-frequency power generation rather than conventional lower-frequency service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	5000 V
MAXIMUM PLATE DISSIPATION	300 W
MAXIMUM GRID DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	700 mA
English text primary; Russian used only as secondary cross-check.	

Microwave metal-ceramic triode for RF amplification and frequency multiplication.



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	6500-8000 MHz	—
Maximum Anode Voltage	2500 V	—
Maximum Anode Dissipation	300 W	—
Maximum Grid Dissipation	5 W	—
Cathode Current Limit	700 mA	—
Peak Anode Voltage	5000 V	—
Cathode Current RMS	330 mA	—
Cathode Current Instantaneous	700 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	12.6 V	—

TUBE TINKER

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and their source documents.

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