

ELECTRONIC TUBE REFERENCE

GI51A

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TETRODE

Russian pulse power tetrode; maximum anode voltage 35000 V.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.6 V / 2150 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Tetrode
MAXIMUM PLATE VOLTAGE	35000 V
30 kW CW / 300 kW pulse; gm 0.100-0.200 A/V; filament 2000-2300 A; 500 MHz max.	



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Russian Power

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

2026 RUSSIAN POWER

Section 0 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	1.6 V	Nominal heater voltage
Heater/filament current	2150 A	Nominal heater current
Maximum plate voltage	35000 V	Maximum anode voltage

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Center/operating frequency	500 MHz	Maximum operating frequency stated by manufacturer; not a typical center frequency

TUBE TINKER

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