

ELECTRONIC TUBE REFERENCE

GI47A

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TETRODE

Russian pulse power tetrode; maximum anode voltage 12000 V.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 280 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Tetrode
MAXIMUM PLATE VOLTAGE	12000 V
30 kW CW / 70 kW pulse; gm 0.032-0.042 A/V; filament 260-300 A; 100 kHz 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	7.5 V	Nominal heater voltage
Heater/filament current	280 A	Nominal heater current
Maximum plate voltage	12000 V	Maximum anode voltage

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Center/operating frequency	0.1 MHz	Maximum operating frequency stated by manufacturer; not a typical center frequency

TUBE TINKER

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and their source documents.

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