ELECTRONIC TUBE REFERENCE

GI34A

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 / 250 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION 0 Tetrode

MAXIMUM PLATE VOLTAGE	12000 V

Pulse output 100 kW; gm 0.032–0.048 A/V; filament current 235–265 A; 100 kHz max.

SOURCE OPERATING CONDITIONS

2026 Russian Power

SOURCE PDF

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/filament voltage
Heater/filament current	**250 A**	Nominal heater/filament current
Maximum plate voltage	**12000 V**	Maximum anode voltage; continuous rating unless pulse qualification specified

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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