ELECTRONIC TUBE REFERENCE

# GMI29B

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
**1 SECTION**
CONSTRUCTION
**TETRODE**

> Russian high-voltage pulse tetrode for modulator switching.

## General characteristics

| | | | |
|---|---|---|---|
| **BASE DESIGNATION** | — | **BASE PINS** | — |
| **NOMINAL HEATER** | 12.6 V / 69.5 A | **PARALLEL HEATER** | — / — |
| **HEATING** | Indirect | **SERIES OPERATION** | Not specified |
| **CATHODE ARRANGEMENT** | Separate cathodes | **SECTION CONSTRUCTION** | Similar |

## Section ratings

**SECTION0** Tetrode

| | |
|---|---|
| **MAXIMUM PLATE VOLTAGE** | 30000 V |

*Pulse switching/modulator service; maximum pulse duration 10 microseconds. Output power is not plate dissipation.*

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 | **12.6 V** | Nominal heater voltage |
| Heater/filament current | **69.5 A** | Nominal heater current |
| Maximum plate voltage | **30000 V** | Maximum anode voltage |
| Maximum pulse duration | **10 µs** | Maximum pulse duration as stated in manufacturer mini-datasheet |

TUBE TINKER

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