

ELECTRONIC TUBE REFERENCE

# GMI40B

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
TRIODE

Russian high-voltage pulse triode for modulator switching.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 26 V / 7.9 A      | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                                   |         |
|-------------------------------------------------------------------------------------------------------------------|---------|
| SECTION0                                                                                                          | Triode  |
| MAXIMUM PLATE VOLTAGE                                                                                             | 10000 V |
| Pulse switching/modulator service; maximum pulse duration 50 microseconds. Output power is not plate dissipation. |         |

## 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 · Triode

| OTHER                   |                 |                                                                 |
|-------------------------|-----------------|-----------------------------------------------------------------|
| PARAMETER               | PUBLISHED VALUE | CONDITION / NOTE                                                |
| Heater/filament voltage | 26 V            | Nominal heater voltage                                          |
| Heater/filament current | 7.9 A           | Nominal heater current                                          |
| Maximum plate voltage   | 10000 V         | Maximum anode voltage                                           |
| Maximum pulse duration  | 50 $\mu$ s      | Maximum pulse duration as stated in manufacturer mini-datasheet |

## TUBE TINKER

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