

ELECTRONIC TUBE REFERENCE

GMI50B

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
BEAMTETRODE

Russian high-voltage pulse beam tetrode for modulator switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	26 V / 3.7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Beam Tetrode
MAXIMUM PLATE VOLTAGE	20000 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 · Beam Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	26 V	Nominal heater voltage
Heater/filament current	3.7 A	Nominal heater current
Maximum plate voltage	20000 V	Maximum anode voltage
Maximum pulse duration	50 μs	Maximum pulse duration as stated in manufacturer mini-datasheet

TUBE TINKER

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