

ELECTRONIC TUBE REFERENCE

GMI45A

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	27 V / 4.4 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 25 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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	27 V	Nominal heater voltage
Heater/filament current	4.4 A	Nominal heater current
Maximum plate voltage	30000 V	Maximum anode voltage
Maximum pulse duration	25 μ s	Maximum pulse duration as stated in manufacturer mini-datasheet