ELECTRONIC TUBE REFERENCE

GMI83

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	25 V / 2 A	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION0 Tetrode

MAXIMUM PLATE VOLTAGE	20000 V

Pulse switching/modulator service; maximum pulse duration 2.5 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	25 V	Nominal heater voltage
Heater/filament current	2 A	Nominal heater current
Maximum plate voltage	20000 V	Maximum anode voltage
Maximum pulse duration	2.5 µs	Maximum pulse duration as stated in manufacturer mini-datasheet

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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