



ELECTRONIC TUBE REFERENCE

GMI46B

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Russian high-current pulse-switching triode designed as the power switch in RF pulse modulators and related pulsed-power equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	26 V / 8 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM CATHODE CURRENT	55 A
<i>Promoted from published pulse switching limits; non-promoted pulse quantities retained as parameters.</i>	

The GMI46B is a high-current pulse switching triode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Electronintorg

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1968 ELECTRONINTORG

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	7.6 A–8.4 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak anode current	55 A	—
Peak cathode current	55 A	—
Negative cutoff/bias voltage	300 V	—
Peak excess grid voltage	1500 V	—
Maximum pulse duration	1000 us	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance maximum	210 pF	—

TUBE TINKER

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and their source documents.

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