

ELECTRONIC TUBE REFERENCE

GMI41A

Specialized - Uncategorized electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
OTHER

High-voltage pulse Injectron with heated cathode and control electrode, designed for specialized pulsed switching and modulation service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Other	
MAXIMUM PLATE VOLTAGE	180000 V
MAXIMUM PLATE DISSIPATION	25000 W
MAXIMUM GRID DISSIPATION	5000 W
MAXIMUM CATHODE CURRENT	225 A
Anode/control-electrode injectron mapped to Other; published anode, control-electrode, pulse-current and dissipation values retained.	

The GMI41A is a high-voltage pulse injectron with a heated cathode and control electrode, intended for pulsed switching/modulation service.



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 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	18–22 V	—
Anode voltage	180 kV	—
Anode dissipation, water cooling	25 kW	—
Control-electrode dissipation	5 kW	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Negative control-electrode cutoff voltage maximum	400 V	AnodeVoltage=190kV;AnodeCurrent<=3mA
Peak anode current	225 A	HeaterVoltage=20V

TUBE TINKER

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