

Russian double tetrode designed for pulse modulators in RF equipment, with high peak-current capability in each power section.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 1.1 A	PARALLEL HEATER	6.3 V / 2.2 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM SCREEN VOLTAGE	800 V
MAXIMUM CATHODE CURRENT	15 A
Representative row for two identical pulse-tetrode sections.	

SECTION2 Tetrode	
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM SCREEN VOLTAGE	800 V
Second identical physical pulse-tetrode section; added to align rows with SectionCount.	

The GMI6 is a double tetrode used in pulse modulators for RF equipment.

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 · Tetrode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	1 A–1.2 A	—
Peak anode current minimum	8 A	EachSection
Cutoff voltage minimum	125 V	EachSection

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak grid 2 current maximum	3 A	EachSection
Warm-up time maximum	60 s	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	11–18 pF	EachSection
Output capacitance	4.2–6.2 pF	EachSection
Transfer capacitance maximum	0.2 pF	EachSection

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