



ELECTRONIC TUBE REFERENCE

GU34B

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Forced-air-cooled Russian wideband power tetrode for VHF operation to approximately 250 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM SCREEN VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	500 W
MAXIMUM GRID DISSIPATION	20 W
MAXIMUM CATHODE CURRENT	540 mA
English text primary; Russian used only as secondary cross-check.	

Forced-air-cooled wideband power tetrode to 250 MHz.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	250 MHz	—
Maximum Anode Voltage	4000 V	—
Maximum Grid 2 Voltage	600 V	—
Maximum Anode Dissipation	500 W	—
Maximum Grid Dissipation	20 W	—
Cathode Current Limit	540 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	12.6 V	—