



ELECTRONIC TUBE REFERENCE

GU10B

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-power RF triode for amplifier and oscillator service. Approximately 1 kW plate dissipation and a heavy directly heated cathode emphasize high-current radio-frequency operation in communications and industrial equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.15 V / 75 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE DISSIPATION	1000 W
MAXIMUM GRID DISSIPATION	300 W
English text primary; Russian used only as secondary cross-check.	

High-power RF triode for amplifier or oscillator 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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	26 MHz	—
Maximum Anode Dissipation	1000 W	—
Maximum Grid Dissipation	300 W	—
Filament Starting Current	115 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	7.15 V	—
Heater/Filament Current	75 A	—
Transconductance	15000–25000 uS	—
Amplification Factor	40–55	—

TUBE TINKER

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

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