

ELECTRONIC TUBE REFERENCE

GS30

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Russian UHF oscillator triode for RF generation over approximately 400-1500 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.02 S
MAXIMUM PLATE VOLTAGE	550 V
MAXIMUM PLATE DISSIPATION	40 W
MAXIMUM GRID DISSIPATION	0.8 W
MAXIMUM CATHODE CURRENT	110 mA
Promoted from English maximum values and characteristics.	

The GS30 is a uhf rf oscillator triode for 400-1500 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 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	800 mA–1.2 A	—
Mutual conductance	20 mA/V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	550 V	—
Maximum cathode/anode current	110 mA	—
Anode dissipation	40 W	—
Grid dissipation	0.8 W	—
Minimum output power	20 W	AnodeVoltage=500V;AnodeCurrent=110mA;Wavelength=30cm
Maximum drive power	2.5 W	—
Maximum grid current	60 mA	—
Warm-up time maximum	60 s	—
Operating frequency	400–1500 MHz	—

TUBE TINKER

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and their source documents.

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