

ELECTRONIC TUBE REFERENCE

GI39

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Russian RF/pulse power triode; maximum anode voltage 20000 V.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 3.7 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Triode
MAXIMUM PLATE VOLTAGE	20000 V
440 W CW / 128 kW pulse; gm 0.027-0.036 A/V; filament 3.4-3.9 A; max wavelength 25 cm (about 1200 MHz).	

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Russian Power

Published test conditions and operating points. Values on this page are preserved as reported by this source.

2026 RUSSIAN POWER

Section 0 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	12.6 V	Nominal heater/filament voltage
Heater/filament current	3.7 A	Nominal heater/filament current
Maximum plate voltage	20000 V	Maximum anode voltage; continuous rating unless pulse qualification specified