



## ELECTRONIC TUBE REFERENCE

## GU17

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

BEAMPOWER-BEAMPOWER

Russian double beam-power tetrode designed for RF generation and amplification at frequencies extending to approximately 250 MHz.

## GENERAL CHARACTERISTICS

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

## SECTION RATINGS

|                                                                   |        |
|-------------------------------------------------------------------|--------|
| SECTION1 Beam Power                                               |        |
| MAXIMUM PLATE VOLTAGE                                             | 400 V  |
| MAXIMUM PLATE DISSIPATION                                         | 12 W   |
| MAXIMUM GRID DISSIPATION                                          | 3 W    |
| MAXIMUM CATHODE CURRENT                                           | 100 mA |
| English text primary; Russian used only as secondary cross-check. |        |

|                           |        |
|---------------------------|--------|
| SECTION2 Beam Power       |        |
| MAXIMUM PLATE VOLTAGE     | 400 V  |
| MAXIMUM PLATE DISSIPATION | 12 W   |
| MAXIMUM CATHODE CURRENT   | 100 mA |

Double beam-power tetrode for RF generation/amplification 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 · Beam Power

| OTHER                           |                 |                  |
|---------------------------------|-----------------|------------------|
| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
| Operating Frequency             | 250 MHz         | —                |
| Maximum Anode Voltage           | 400 V           | —                |
| Maximum Anode Dissipation       | 12 W            | —                |
| Maximum Grid Dissipation        | 3 W             | —                |
| Cathode Current Limit           | 100 mA          | —                |
| Peak Anode Voltage at Switch-On | 450 V           | —                |
| Cathode-Heater Voltage          | -150 to +150 V  | —                |

| CHARACTERISTIC          |                 |                  |
|-------------------------|-----------------|------------------|
| PARAMETER               | PUBLISHED VALUE | CONDITION / NOTE |
| Heater/Filament Voltage | 6.3 V           | —                |