ELECTRONIC TUBE REFERENCE

6N16GVIR

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Russian double triode for low-frequency voltage amplification, high-frequency oscillation generation, and relaxation circuits, intended for compact electronic circuitry.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 400 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode	
TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	20 mA

Two electrically identical triodes; represented by one section row under identical-section compression.

SECTION2 Triode	
TRANSCONDUCTANCE	0.005 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	20 mA
Second identical physical triode section; added to align rows with SectionCount.	

Double triode for low-frequency voltage amplification, high-frequency oscillation generation, and relaxation circuits.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published nominal heater condition.
Heater current	400 mA	Published heater current.
Plate current	6.3 mA	Published basic-parameter operating point.
Transconductance	5000 µS	Published basic-parameter value; normalized to µS.
Amplification factor	25	Published basic-parameter value.
Service life	3000 h	Published service-life figure.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	200 V	Published limiting operating value.
Maximum cathode current	20 mA	Published limiting cathode-current value.
Maximum plate dissipation	1.2 W	Published per-triode plate dissipation.

Tube Tinker

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

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