ELECTRONIC TUBE REFERENCE

6CC41

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

High-mu twin triode with separate cathodes intended for resistance-coupled audio-frequency voltage amplification, providing two high-gain amplifier sections.

General characteristics

BASE DESIGNATION	S9/12	**BASE PINS**	9
NOMINAL HEATER	6.3 V / 300 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	50000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	10 mA

Representative electrical section; repeated identical physical sections compressed where applicable.

SECTION2 Triode

PLATE RESISTANCE	50000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	10 mA

Second physical triode section; electrically identical twin section.

High-mu twin triode with separate cathodes for AF resistance-coupled amplification.

SOURCE OPERATING CONDITIONS

195X Tesla

SOURCE PDF

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

195X TESLA

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate voltage	**250 V**	Section1/Section2
Grid bias	**-1.5 V**	Section1/Section2
Plate current	**2.3 mA**	Section1/Section2

CAPACITANCE		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Input capacitance	**1.75 pF**	Section1/Section2
Output capacitance	**1.3 pF**	Section1/Section2

TUBE TINKER

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

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker