



ELECTRONIC TUBE REFERENCE

ECC803

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

High-mu twin triode intended for low-frequency voltage amplification, providing two similar sections for high-gain audio and general small-signal amplifier circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	12.6 V / 150 mA	PARALLEL HEATER	6.3 V / 300 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	62500 Ω
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	9 mA
A.F. twin triode with separate cathodes, explicitly described as non-microphonic.	

SECTION2 Triode	
PLATE RESISTANCE	62500 Ω
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	9 mA
<i>Second physical triode section; added to align rows with SectionCount.</i>	

A nine-pin audio-frequency twin triode explicitly described as non-microphonic, with separate cathodes, amplification factor 100, and resistance-coupled amplifier operating data.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

199X JJ

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

199X JJ

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	250 V	—
Typical Plate Current	1.2 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid Cathode Capacitance	1.6 pF	—
Plate Capacitance	0.46 pF	—
GridPlateCapacitance	1.7 pF	—
PlateCapacitanceSystem1	0.46 pF	Section1
PlateCapacitanceSystem2	0.34 pF	Section2

TUBE TINKER

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