

ELECTRONIC TUBE REFERENCE

CV4004

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

High-gain miniature twin triode of the ECC83/12AX7 family, designed for low-frequency voltage amplification in radio and audio-frequency electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	12.6 V / 185 mA	PARALLEL HEATER	6.3 V / 370 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0014 S
AMPLIFICATION FACTOR	83
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	9 mA
Representative section for two electrically identical sections.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.0014 S
AMPLIFICATION FACTOR	83
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1.2 W
MAXIMUM CATHODE CURRENT	9 mA
<i>Second physical triode restored.</i>	

Miniature twin triode with equipotential cathodes, designed to amplify low-frequency voltage in radio engineering devices.



SOURCE OPERATING CONDITIONS

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2026 Genalex Rebrand

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

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Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	1.05–2 mA	Plate 250 V; grid -2 V



SOURCE OPERATING CONDITIONS

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Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current at 6.3 V	350–390 mA	Published min/max range
Heater current at 12.6 V	175–195 mA	Published min/max range

TUBE TINKER

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