



ELECTRONIC TUBE REFERENCE

ECC832

Voltage - Dual Triode (dissimilar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Dissimilar audio twin triode combining one high-mu ECC83-type section with one medium-mu ECC82-type section for circuits requiring different gain characteristics in one envelope.

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	Dissimilar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	62500 Ω
TRANSCONDUCTANCE	0.0016 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	8 mA
Reference/equivalence-sheet sparse exception: this sheet prints typical characteristics for each dissimilar system but explicitly refers limiting values and capacitances to ECC83/ECC82 specs; external values were not imported.	

SECTION2 Triode	
PLATE RESISTANCE	7700 Ω
TRANSCONDUCTANCE	0.0022 S
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.75 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Reference/equivalence-sheet sparse exception: this sheet prints typical characteristics for each dissimilar system but explicitly refers limiting values and capacitances to ECC83/ECC82 specs; external values were not imported.</i>	

Combined dissimilar double triode for special purposes, with one high-mu and one medium-mu section; also designated ECC832. Printed co-designation record duplicated from 12DW7.



SOURCE OPERATING CONDITIONS

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

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Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	250 V	—
TypicalGridVoltage	-2 V	—
Typical Plate Current	1.2 mA	—

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Section 2 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	250 V	—
TypicalGridVoltage	-8.5 V	—
Typical Plate Current	10.5 mA	—



SOURCE OPERATING CONDITIONS

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Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ua	250	Published value
Ug	-2	Published value

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ia	1.2	Published value
S	1.6	Published value
μ	100	Published value

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Section 2 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ua	250	Published value
Ug	-2	Published value
Ia	1.2	Published value
S	1.6	Published value
μ	100	Published value

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