

ELECTRONIC TUBE REFERENCE

7058

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Mobile-service high-mu twin triode, similar electrically to the 12AX7 apart from heater characteristics, intended for phase inversion, resistance-coupled amplification, and low-frequency oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	13.5 V / 155 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	61000 Ω
TRANSCONDUCTANCE	0.00165 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	10 mA
Representative row for two identical high-mu triodes.	

SECTION2 Triode	
PLATE RESISTANCE	61000 Ω
TRANSCONDUCTANCE	0.00165 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	10 mA
<i>Second physical triode section; electrically identical twin section.</i>	

Mobile-service high-mu twin triode with separate cathodes, similar to 12AX7 except heater characteristics.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	13.5 V	—
Heater Current	155 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 RCA Industrial and Communications Types

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

1960 RCA INDUSTRIAL AND COMMUNICATIONS TYPES

Section 1 · Triode

CROSSREFERENCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Prototype / equivalent family	12AX7	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Phase inverter / resistance-coupled amplifier / LF oscillator	—



1965 Sylvania Electronic Tubes Vol3

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1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage range	12 to 15 V	—
Plate voltage maximum	330 V	—
Plate dissipation maximum	1 W	—
Typical plate voltage	250 V	ClassA

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current at 13.5 V	155 mA	—
Transconductance	1650 uS	—

CROSSREFERENCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Equivalent type	12AX7	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	High-mu voltage amplifier	—



TUBE TINKER
ELECTRON TUBE DATABASE

SOURCE DATA APPENDIX

1971 RCA HB3 Binder 3 of 7

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

1971 RCA HB3 BINDER 3 OF 7

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	13.5 V	—
Heater current	155 mA	—
Plate voltage	250 V	ClassA;EachSection
Plate current	1.25 mA	ClassA;EachSection
Maximum plate voltage	330 V	EachSection
Maximum plate dissipation	1 W	EachSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	61000 ohm	EachSection
Transconductance	1650 uS	EachSection
Amplification factor	100	EachSection