

ELECTRONIC TUBE REFERENCE

7060

Voltage - Triode Pentode electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
PENTODE-TRIODE

Combined triode-pentode for general amplification or receiving-equipment service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	13.5 V / 280 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	8200 Ω
TRANSCONDUCTANCE	0.0049 S
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	20 mA
Published RCA ratings and characteristics promoted where applicable; additional application and operating data retained as parameters.	

SECTION2 Pentode	
PLATE RESISTANCE	150000 Ω
TRANSCONDUCTANCE	0.007 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	0.8 W
MAXIMUM CATHODE CURRENT	25 mA
<i>Published RCA ratings and characteristics promoted where applicable; additional application and operating data retained as parameters.</i>	

Mobile-service medium-mu triode plus sharp-cutoff pentode, similar to 6AU8 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	280 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	6AU8	—

1960 RCA INDUSTRIAL AND COMMUNICATIONS TYPES

Section 2 · Pentode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	RF power amplifier / frequency multiplier	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum useful frequency	40 MHz	—



SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage range	12 to 15 V	—
Plate voltage maximum	300 V	—
Plate dissipation maximum	2.5 W	—
Typical plate voltage	150 V	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current at 13.5 V	280 mA	—
Amplification factor	40	—
Transconductance	4900 μ S	—

CROSSREFERENCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Equivalent type	6AU8	—

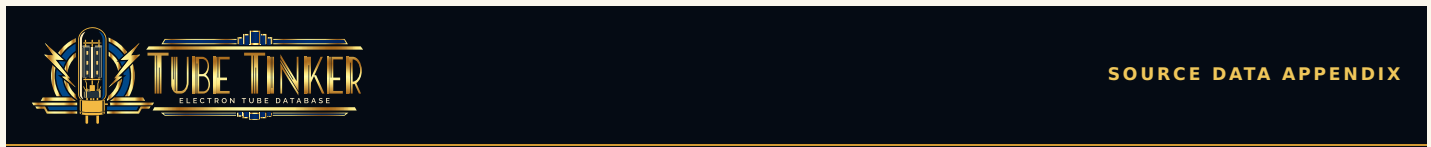
APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Oscillator / amplifier triode	—

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 2 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage maximum	300 V	—
Plate dissipation maximum	3 W	—
Grid2 dissipation maximum	0.8 W	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Sharp-cutoff pentode amplifier	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	13.5 V	—
Heater current	280 mA	—
Plate voltage	150 V	Triode
Plate current	9 mA	Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	8200 ohm	Triode
Transconductance	4900 uS	Triode

1971 RCA HB3 BINDER 3 OF 7

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	13.5 V	—
Heater current	280 mA	—
Plate voltage	200 V	Pentode
Plate current	15 mA	Pentode
Screen current	3.4 mA	Pentode
Power output	2.1 W	Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	150000 ohm	Pentode
Transconductance	7000 uS	Pentode

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