



ELECTRONIC TUBE REFERENCE

5672

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Tiny directly heated subminiature battery power pentode for low-power output amplification with minimal filament consumption.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5672	BASE PINS	5
NOMINAL HEATER	1.25 V / 50 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	20000 Ω
TRANSCONDUCTANCE	0.00065 S
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM SCREEN VOLTAGE	90 V
MAXIMUM CATHODE CURRENT	5 mA
<i>Promoted from clearly identified published ratings/characteristics; additional operating points, capacitances, rectifier conditions, and application-specific values are retained in TUBE_SECTION_PARAMETER.</i>	

Directly heated subminiature power pentode for low-power output amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1957 Philips Receiving and Amplifying Tubes

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	67.5 V	—
Screen Voltage	67.5 V	—
Anode Current	3.1 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	0.065 W	ClassA

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	67.5 V	ClassA
Screen Voltage	67.5 V	ClassA
Grid Voltage	-6.5 V	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	3.25 mA	ClassA
Screen Current	1.1 mA	ClassA
Load Resistance	20000 ohm	ClassA
Power Output	0.065 W	ClassA


SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	1.25 V	Nominal
Heater current	70 mA	Nominal
Plate voltage	90 V	Published operating table; OperatingPoint1
Plate voltage	67.5 V	Published operating table; OperatingPoint1
Screen voltage	90 V	Published operating table; OperatingPoint1
Screen voltage	67.5 V	Published operating table; OperatingPoint1

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	3.25 mA	Published operating table; OperatingPoint1
Screen current	1.1 mA	Published operating table; OperatingPoint1
Transconductance	650 uS	Published operating table; OperatingPoint1


SOURCE DATA APPENDIX

1963 Philips Electron Tubes Handbook V1

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V1

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	67.5 V	ClassA
Screen voltage	67.5 V	ClassA
Control-grid voltage	-6.5 V	ClassA
Plate current	3.1 mA	ClassA
Screen current	0.95 mA	ClassA
Load resistance	20000 Ω	ClassA
Power output	65 mW	ClassA
Total distortion	10 %	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	650 μ S	Section1



SOURCE DATA APPENDIX

1966 Tung Sol Electronic Tubes 3 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 3 OF 4

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	67.5 V	ClassA
Grid #2 voltage	67.5 V	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid #1 voltage	-6.5 V	ClassA
Plate current	3.25 mA	ClassA
Grid #2 current	1.1 mA	ClassA
Load resistance	20000 ohm	ClassA
Power output	65 mW	ClassA
Total harmonic distortion	10 %	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	650 uS	ClassA


SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

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1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	65 mW	Plate 67.5 V;Screen 67.5 V


SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	1.25 V	—
Heater current	50 mA	—
Plate voltage	67.5 V	—
Screen voltage	67.5 V	—
Plate current	3.1 mA	—
Screen current	0.95 mA	—
Transconductance	650 uS	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Load resistance	20000 ohm	ClassA
Output power	0.065 W	ClassA

TUBE TINKER

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and their source documents.

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