ELECTRONIC TUBE REFERENCE

N43

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
PENTODE

High-transconductance Osram audio power pentode with 10 W plate dissipation.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	7
NOMINAL HEATER	4 V / 2 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Pentode

TRANSCONDUCTANCE	0.01 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	10 W

Published ratings and characteristics promoted from the approved datasheet.

OSRAM N43 pentode for amplification or power-output service as specified in the supplied datasheet.

SOURCE OPERATING CONDITIONS

1937 Osram Valves

SOURCE PDF

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

1937 OSRAM VALVES

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Optimum load resistance	**7800 ohm**	Published operating data

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

193X Osram

SOURCE PDF

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

193X OSRAM

Section 1 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	**4 V**	Published datasheet value
Heater/Filament Current	**2 A**	Published datasheet value
Maximum Anode Voltage	**250 V**	Published datasheet value
Maximum Screen Voltage	**250 V**	Published datasheet value
Maximum Anode Dissipation	**10 W**	Published datasheet value

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Mutual Conductance	**10000 µS**	Published datasheet value

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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