



ELECTRONIC TUBE REFERENCE

DH30

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Double-diode high-gain triode developed for receiver detection and subsequent voltage amplification. The paired diode elements provide rectification while the unusually strong triode section supplies substantial gain to the recovered signal.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	13 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	18000 Ω
TRANSCONDUCTANCE	0.0045 S
AMPLIFICATION FACTOR	80
MAXIMUM PLATE VOLTAGE	200 V
<i>Published characteristics promoted where reliably identified; additional source values retained below.</i>	

SECTION2 Diode	
<i>No fixed ratings recorded.</i>	
<i>Physical diode section added during approved section-structure reconciliation.</i>	

SECTION3 Diode

No fixed ratings recorded.

Physical diode section added during approved section-structure reconciliation.

DH30: OSRAM combined double-diode triode. The complete approved OSRAM sheet was read for construction, characteristics, operating data, and application guidance.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Osram Valves

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

1937 OSRAM VALVES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	13 V	—
Heater/filament current	300 mA	—
Plate impedance	18000 ohm	—
Mutual conductance	4500.000000000001 uS	—
Amplification factor	80	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	200 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Osram

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

193X OSRAM

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	80	—
Plate impedance	18000 ohm	—
Mutual conductance	4500 uS	—

TUBE TINKER

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and their source documents.

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