ELECTRONIC TUBE REFERENCE

6DL4

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

RF triode designed for grounded-grid amplifier service, with published operating conditions and characteristics for high-frequency signal amplification.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 180 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

PLATE RESISTANCE	4300 Ω
TRANSCONDUCTANCE	0.0135 S
AMPLIFICATION FACTOR	65

Published typical operating conditions, characteristics and descriptive application reviewed.

6DL4 is listed in the supplied Amperex material as a RF grounded-grid amplifier triode. Published operating conditions and electrical characteristics were captured from the supplied tables.

SOURCE OPERATING CONDITIONS

1963 Amperex Condensed

SOURCE PDF

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

1963 AMPEREX CONDENSED

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater voltage	**6.3 V**	Published heater rating
Heater current	**180 mA**	Published heater rating
Amplification factor	**65**	GroundedGridRF
Plate resistance	**4300 ohm**	GroundedGridRF
Transconductance	**13500 µS**	GroundedGridRF

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Plate voltage	**160 V**	GroundedGridRF
Control-grid bias	**-1.25 V**	GroundedGridRF
Plate current	**12.5 mA**	GroundedGridRF

TUBE TINKER

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

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