



ELECTRONIC TUBE REFERENCE

LV5

Voltage - Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Telefunken space-charge-grid tetrode for special low-voltage operation, with its internal space-charge grid tied to the screen grid.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.0033 S
AMPLIFICATION FACTOR	10
MAXIMUM PLATE VOLTAGE	20 V
MAXIMUM SCREEN VOLTAGE	20 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM SCREEN DISSIPATION	0.4 W
MAXIMUM CATHODE CURRENT	35 mA
<i>Published ratings and characteristics were promoted when unambiguous; additional operating values are preserved in TUBE_SECTION_PARAMETER.</i>	

Telefunken LV5 is a tetrode with an internal space-charge grid tied to the screen grid, intended for special-purpose low-voltage operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

194X WEHRMACHT ROHREN

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current range	180 mA–220 mA	Published range
Plate voltage	20 V	Normal operating point
Plate current	7 mA	Normal operating point
Space-charge/screen current	11 mA	Normal operating point

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	7.4 pF	—
Output capacitance	4.3 pF	—
Grid-plate capacitance	0.75 pF	—

TUBE TINKER

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