

ELECTRONIC TUBE REFERENCE

LV4

Voltage Dual Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-PENTODE

Matched push-pull dual pentode for broadband receiving and externally driven low-power transmitting stages, combining two RF sections with a common cathode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
PLATE RESISTANCE	300000 Ω
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	0.6 W
MAXIMUM CATHODE CURRENT	25 mA
Published ratings and characteristics were promoted when unambiguous; additional operating values are preserved in TUBE_SECTION_PARAMETER.	

SECTION2 Pentode	
PLATE RESISTANCE	300000 Ω
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	0.6 W
MAXIMUM CATHODE CURRENT	25 mA
<i>Second physical pentode section; added to align rows with SectionCount.</i>	

Telefunken LV4 contains two matched push-pull pentode systems in one envelope with a common cathode, optimized for broadband receiving and usable in externally driven low-power transmitter stages.

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current range	250 mA–300 mA	Published range; no single nominal current stated
Plate current per system	10 mA	U _a =250 V; U _{g2} =200 V

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Push-pull input capacitance	8.1 pF	—
Push-pull output capacitance	11.5 pF	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	5.3–8.5 mA/V	HF receiving operation; published approximate range