

ELECTRONIC TUBE REFERENCE

LD5

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

UHF transmitting triode for high-frequency RF service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 240 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	15 W
MAXIMUM GRID DISSIPATION	2 W
Published ratings and characteristics promoted where directly established; additional values retained as parameters. Telefunken LD5 decimetric-wave transmitting triode for oscillators, amplifiers and pulsed anode-keyed operation. Maximum continuous anode voltage 500 V at long wavelengths; 2000 V applies only to short pulses at 1:100 duty factor (about 1 microsecond). Maximum plate dissipation 15 W and grid dissipation 2 W. Typical gm 8-12 mA/V at 200 V anode and 50 mA current. Two 12.6 V / 0.24 A heaters may be used in series. Sufficient cooling and correct prescribed sockets/contact systems are required.	

LD5 is a transmitting or UHF/dezimeter-wave triode intended for oscillator and RF amplifier service as specified in the approved German technical sheet.



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	12.6 V	Published technical-data value
Heater Current	240 mA	Published technical-data value

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker