



ELECTRONIC TUBE REFERENCE

LD2

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 / 175 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	12 W
MAXIMUM GRID DISSIPATION	0.6 W
MAXIMUM CATHODE CURRENT	90 mA
<i>Published ratings and characteristics promoted where directly established; additional values retained as parameters. Telefunken LD2 transmitting triode. Maximum operating anode voltage 300 V, anode dissipation 12 W, grid dissipation 0.6 W and cathode current 90 mA. Amplification factor approximately 25. Manufacturer lists transconductance of 7 to 11.5 mA/V at 200 V and 30 mA. Higher instantaneous currents are permissible only during short keyed pulses. Series connection of two heaters is supported.</i>	

LD2 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	175 mA	Published technical-data value
Maximum Anode/Acceleration Voltage	300 V	Published technical-data value