



ELECTRONIC TUBE REFERENCE

LD15

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

UHF transmitting triode for high-frequency RF power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	14 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode

No fixed ratings recorded.

Published ratings and characteristics promoted where directly established; additional values retained as parameters. Telefunken LD15 decimetric-wave transmitter triode, a higher-voltage variant of LD5 especially suited to anode keying. Datasheet specifies 2500 V keyed operation with pulse duty factor 1:150 at up to 12 km altitude, or 2000 V at up to 16 km. At about 65 cm self-oscillation, keyed plate current about 1.5 A and useful pulse output about 1.5 kW are test conditions, not unrestricted continuous maximum ratings. No general continuous maximum anode voltage established.

LD15 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	14 V	Published technical-data value
Maximum Anode/Acceleration Voltage	2500 V	Published technical-data value