



ELECTRONIC TUBE REFERENCE

10LD3

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Double-diode high-mu triode combining radio detection and voltage amplification. The paired diodes handle detector or control-voltage functions while the triode amplifies the recovered signal in series-heater receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	14 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Physical diode section added in approved section-structure reconciliation.

SECTION2 Diode

No fixed ratings recorded.

Physical diode section added in approved section-structure reconciliation.

SECTION3 Triode	
TRANSCONDUCTANCE	0.014 S
AMPLIFICATION FACTOR	70
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM CATHODE CURRENT	5 mA

10LD3 DualDiodeTriode from Ediswan/Mazda datasheet; full semantic ratings and characteristics audit.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 3 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum mean diode current	5 mA	—