



ELECTRONIC TUBE REFERENCE

6LD20

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

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Double-diode medium-mu triode for detector, rectifier, and voltage-amplifier service. Two diodes provide complementary rectification while the relatively low-resistance triode offers stronger current drive than high-mu detector triodes.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B8A	BASE PINS	8
NOMINAL HEATER	6.3 V / 250 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

SECTION2 Diode

No fixed ratings recorded.

SECTION3 Triode

PLATE RESISTANCE	9300 Ω
TRANSCONDUCTANCE	0.0034 S
AMPLIFICATION FACTOR	31.5
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM CATHODE CURRENT	5 mA

Double-diode triode with common cathode for detector/rectifier and voltage-amplifier service.

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

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumMeanDiodeCurrentPerDiode	0.1 mA	—
Maximum Heater Cathode Voltage	150 V	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
TriodeAnodeEarthCapacitance	3.7 pF	—
TriodeAnodeGridCapacitance	1.5 pF	—
TriodeGridEarthCapacitance	3.6 pF	—

TUBE TINKER

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and their source documents.

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