



ELECTRONIC TUBE REFERENCE

HL42DD

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

CONSOLIDATED TECHNICAL
DATA

3 SECTIONS

CONSTRUCTION

DIODE-DIODE-TRIODE

Receiver tube combining radio detection or demodulation with associated audio amplification or control-voltage rectification. Manufacturer documentation places these functions directly within radio receiver signal processing.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 650 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Diode section 1.

SECTION2 Diode

No fixed ratings recorded.

Diode section 2.

SECTION3 Triode	
PLATE RESISTANCE	8000 Ω
TRANSCONDUCTANCE	0.0029 S
AMPLIFICATION FACTOR	23
MAXIMUM PLATE VOLTAGE	250 V

Indirectly heated double-diode triode for receiver amplifier/detector 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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-grid capacitance	3.5 pF	—