



ELECTRONIC TUBE REFERENCE

TH2320

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

CONSOLIDATED TECHNICAL
DATA

2 SECTIONS
CONSTRUCTION
HEXODE-TRIODE

Mazda triode-hexode frequency changer for superheterodyne receivers. The triode provides local oscillation while the hexode mixes oscillator and incoming RF signals with useful conversion conductance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	23 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Hexode	
TRANSCONDUCTANCE	0.00075 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
<i>Heptode mixer section.</i>	
SECTION2 Triode	
TRANSCONDUCTANCE	0.0053 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM CATHODE CURRENT	15 mA
<i>Oscillator triode section.</i>	

Triode-heptode frequency changer for mains receivers.



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 1 · Hexode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Conversion conductance	750 $\mu\text{A/V}$	—
Typical screen voltage	100 V	—

1960 MAZDA

Section 2 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical anode voltage	80 V	—
Typical anode current	4.5 mA	—

TUBE TINKER

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