ELECTRONIC TUBE REFERENCE

TH2321

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

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

HEXODE-TRIODE

Triode-hexode oscillator-mixer for superheterodyne frequency conversion. The triode provides local oscillation while the hexode performs mixing with useful conversion gain and high output resistance.

General characteristics

BASE DESIGNATION	–	BASE PINS	8
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	0.00064 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V

Heptode mixer section.

SECTION2 Triode

TRANSCONDUCTANCE	0.0053 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM CATHODE CURRENT	15 mA

Oscillator triode section.

> Triode-heptode frequency changer for mains receivers.

SOURCE OPERATING CONDITIONS

1960 Mazda

SOURCE PDF

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	**640 uA/V**	—
Typical screen voltage	**100 V**	—

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Section 2 · Triode

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