



ELECTRONIC TUBE REFERENCE

6C12

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

CONSOLIDATED TECHNICAL
DATA

2 SECTIONS
CONSTRUCTION
HEPTODE-TRIODE

Triode-heptode frequency changer for AM/FM broadcast receivers. The triode serves as the local oscillator while the heptode performs mixing and intermediate-frequency conversion.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0032 S
AMPLIFICATION FACTOR	19
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	0.8 W
MAXIMUM CATHODE CURRENT	6.5 mA
<i>Published ratings and characteristics promoted from the approved English source.</i>	

SECTION2 Heptode	
PLATE RESISTANCE	700000 Ω
TRANSCONDUCTANCE	0.0024 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	125 V
MAXIMUM PLATE DISSIPATION	1.7 W
MAXIMUM SCREEN DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	12.5 mA
<i>Published ratings and characteristics promoted from the approved English source.</i>	

Triode-heptode frequency changer for AM/FM broadcast receivers, with triode local oscillator.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1973 Mazda Valves Binder 2

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

1973 MAZDA VALVES BINDER 2

Section 1 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	LocalOscillator text	—

1973 MAZDA VALVES BINDER 2

Section 2 · Heptode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	AMFrequencyChanger text	—

TUBE TINKER

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