



ELECTRONIC TUBE REFERENCE

20D4

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

CONSOLIDATED TECHNICAL
DATA

2 SECTIONS
CONSTRUCTION
HEPTODE-TRIODE

High-conversion-conductance triode-heptode frequency changer for superheterodyne receivers. The triode supplies local oscillation while the heptode performs mixing with comparatively strong conversion performance.

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	0.0035 S
MAXIMUM PLATE VOLTAGE	150 V
<i>Published Brimar ratings and characteristics promoted where applicable; additional data retained as parameters.</i>	

SECTION2 Heptode	
TRANSCONDUCTANCE	0.0028 S
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	125 V
<i>Published Brimar ratings and characteristics promoted where applicable; additional data retained as parameters.</i>	

Triode-heptode frequency changer with high conversion conductance.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Oscillator	—

1958 BRIMAR RADIO VALVE NO 7

Section 2 · Heptode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Frequency changer / mixer	—

TUBE TINKER

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and their source documents.

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