



ELECTRONIC TUBE REFERENCE

1LA6E

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
HEPTODE

Battery heptode frequency changer for portable superheterodyne receivers. Its multi-grid structure combines local oscillation and mixing in one valve, reducing tube count while preserving low filament consumption.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.4 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Heptode

No fixed ratings recorded.

Brimar 1LA6E directly heated 1.4 V 50 mA battery heptode frequency converter with eight-pin octal base for superheterodyne oscillator/mixer service. Brimar explicitly directs the reader to type 1A7G for further operating characteristics and curves; quantitative values from 1A7G were not independently established as identical maximum ratings for 1LA6E and therefore remain unpromoted. One physical heptode, published conversion application and capacitances.

Battery heptode frequency changer.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1948 Brimar Radio Valve Manual

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

1948 BRIMAR RADIO VALVE MANUAL

Section 1 · Heptode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service	Frequency changer	—

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