



ELECTRONIC TUBE REFERENCE

CV1758

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Service designation explicitly associated with the 1L4 miniature battery RF pentode. It provides compact fixed-gain high-frequency amplification using a low-power filament suitable for portable equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
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 Pentode	
PLATE RESISTANCE	350000 Ω
TRANSCONDUCTANCE	0.00103 S
MAXIMUM PLATE VOLTAGE	110 V
MAXIMUM SCREEN VOLTAGE	90 V
MAXIMUM CATHODE CURRENT	6.5 mA
<i>Published ratings and characteristics promoted semantically from source; repeated identical physical sections compressed where applicable.</i>	

Commercial-equivalent designation explicitly printed for the 1L4 miniature battery RF pentode.

SOURCE OPERATING CONDITIONS

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	90 V	—
Plate Current	4.5 mA	—
Screen Voltage	90 V	—
Screen Current	2 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	1030 μ S	—
Plate Resistance	350000 ohm	—

TUBE TINKER

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and their source documents.

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