

ELECTRONIC TUBE REFERENCE

CV784

Voltage Pentode or Tetrode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-PENTODE

Receiving diode-pentode intended for radio IF amplification, detection, and control functions, with the pentode providing gain and the diode furnishing signal rectification.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Diode	
No fixed ratings recorded.	
Published ratings and characteristics promoted semantically from source; repeated identical physical sections compressed where applicable.	

SECTION2 Pentode	
PLATE RESISTANCE	600000 Ω
TRANSCONDUCTANCE	0.000625 S
MAXIMUM PLATE VOLTAGE	90 V
MAXIMUM SCREEN VOLTAGE	90 V
MAXIMUM CATHODE CURRENT	3 mA
Published ratings and characteristics promoted semantically from source; repeated identical physical sections compressed where applicable.	

Commercial-equivalent designation explicitly printed for the 1S5 miniature battery diode-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 2 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	67.5 V	PentodeSection
Plate Current	1.6 mA	PentodeSection
Screen Voltage	67.5 V	PentodeSection
Screen Current	0.4 mA	PentodeSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	625 μ S	PentodeSection
Plate Resistance	600000 ohm	PentodeSection